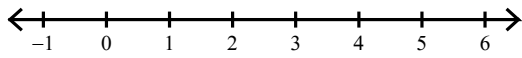


Assignment

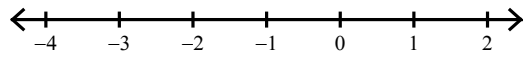
Date _____ Period _____

Solve each compound inequality and graph its solution.

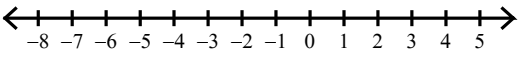
1) $n - \frac{17}{6} < \frac{2}{3}$ and $n - \frac{3}{2} > -\frac{1}{2}$



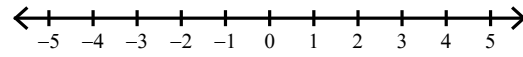
2) $\frac{16}{3}x \geq -\frac{20}{3}$ or $\frac{14}{9}x < -\frac{14}{5}$



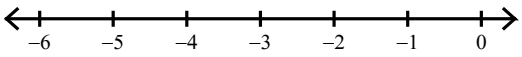
3) $x - 2 < -\frac{11}{2}$ or $x + \frac{1}{2} \geq \frac{21}{8}$



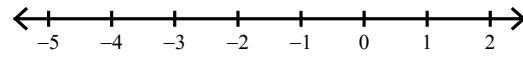
4) $1 + n > \frac{7}{3}$ or $n - \frac{12}{7} < -\frac{22}{21}$



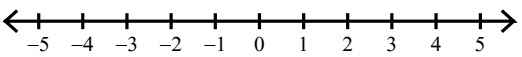
5) $-\frac{80}{7} < \frac{20}{7}x < -\frac{26}{7}$



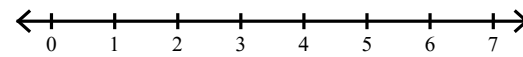
6) $-\frac{39}{20} < b + \frac{1}{4} < \frac{49}{36}$



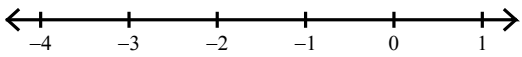
7) $\frac{4}{11}x > \frac{8}{11}$ or $x + \frac{3}{8} < -\frac{11}{8}$



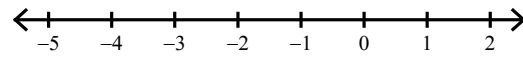
8) $-\frac{21}{10}r \leq -\frac{147}{25}$ and $r + \frac{17}{8} \leq \frac{249}{40}$



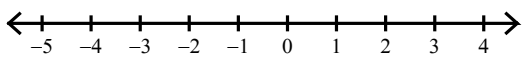
9) $-\frac{35}{6} < -2 + n < -\frac{8}{5}$



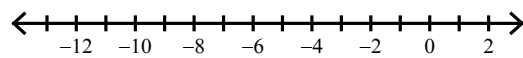
10) $-\frac{155}{81} \leq \frac{5}{9}a < -\frac{5}{9}$



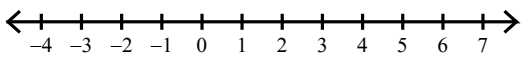
11) $\frac{5}{9}a \leq -\frac{35}{36}$ or $-7a \leq \frac{35}{4}$



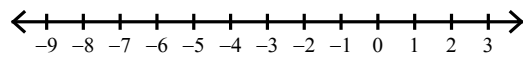
12) $\frac{13}{7}m \leq -\frac{130}{7}$ or $m - \frac{4}{5} > -\frac{23}{10}$



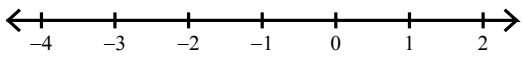
13) $-\frac{4}{3}n > -2$ or $-\frac{7}{6}n \leq -4$



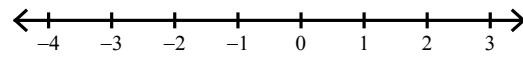
14) $x - \frac{23}{8} \leq -\frac{99}{40}$ and $x + \frac{1}{6} \geq -\frac{47}{6}$



15) $-\frac{52}{25} < -\frac{8}{5}n < 2$



16) $-\frac{7}{12} < -\frac{2}{3}p \leq \frac{7}{6}$



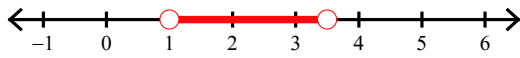
Assignment

Name _____

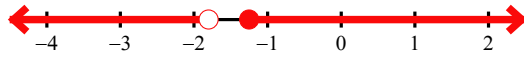
Date _____ Period _____

Solve each compound inequality and graph its solution.

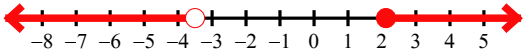
1) $n - \frac{17}{6} < \frac{2}{3}$ and $n - \frac{3}{2} > -\frac{1}{2}$



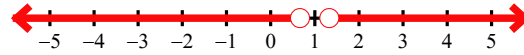
2) $\frac{16}{3}x \geq -\frac{20}{3}$ or $\frac{14}{9}x < -\frac{14}{5}$



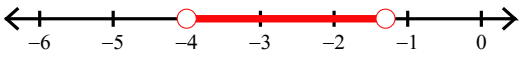
3) $x - 2 < -\frac{11}{2}$ or $x + \frac{1}{2} \geq \frac{21}{8}$



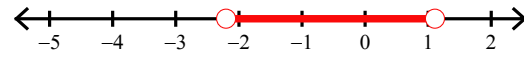
4) $1 + n > \frac{7}{3}$ or $n - \frac{12}{7} < -\frac{22}{21}$



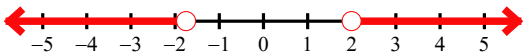
5) $-\frac{80}{7} < \frac{20}{7}x < -\frac{26}{7}$



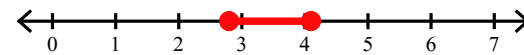
6) $-\frac{39}{20} < b + \frac{1}{4} < \frac{49}{36}$



7) $\frac{4}{11}x > \frac{8}{11}$ or $x + \frac{3}{8} < -\frac{11}{8}$



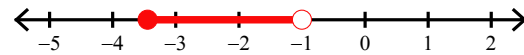
8) $-\frac{21}{10}r \leq -\frac{147}{25}$ and $r + \frac{17}{8} \leq \frac{249}{40}$



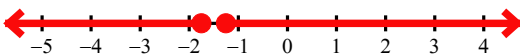
9) $-\frac{35}{6} < -2 + n < -\frac{8}{5}$



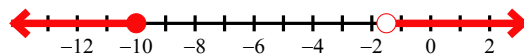
10) $-\frac{155}{81} \leq \frac{5}{9}a < -\frac{5}{9}$



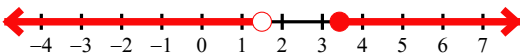
11) $\frac{5}{9}a \leq -\frac{35}{36}$ or $-7a \leq \frac{35}{4}$



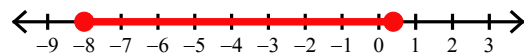
12) $\frac{13}{7}m \leq -\frac{130}{7}$ or $m - \frac{4}{5} > -\frac{23}{10}$



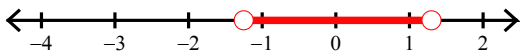
13) $-\frac{4}{3}n > -2$ or $-\frac{7}{6}n \leq -4$



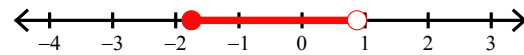
14) $x - \frac{23}{8} \leq -\frac{99}{40}$ and $x + \frac{1}{6} \geq -\frac{47}{6}$



15) $-\frac{52}{25} < -\frac{8}{5}n < 2$



16) $-\frac{7}{12} < -\frac{2}{3}p \leq \frac{7}{6}$

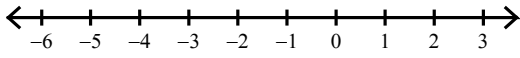


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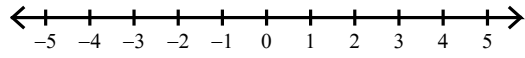
Date _____ Period _____

Solve each compound inequality and graph its solution.

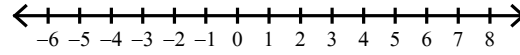
1) $v + 2 \geq \frac{9}{5}$ or $-\frac{1}{8}v \geq \frac{2}{9}$



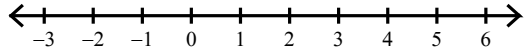
2) $-\frac{3}{2}r \geq \frac{9}{4}$ or $\frac{9}{47}r \geq \frac{72}{235}$



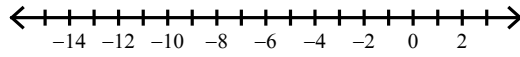
3) $\frac{10}{41}r < \frac{235}{164}$ and $-\frac{2}{3}r \leq \frac{5}{2}$



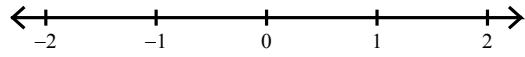
4) $\frac{5}{6}b \geq \frac{5}{3}$ or $b - \frac{8}{7} \leq -\frac{9}{14}$



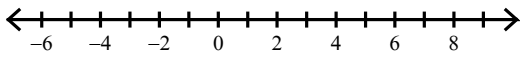
5) $\frac{11}{3}a \leq -\frac{110}{3}$ or $\frac{44}{9}a \geq -\frac{11}{3}$



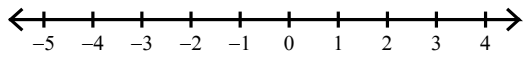
6) $\frac{1}{2}n > \frac{3}{16}$ and $-\frac{15}{4}n > -\frac{5}{3}$



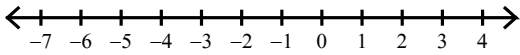
7) $v + \frac{5}{3} \leq -\frac{11}{6}$ or $\frac{10}{21}v > \frac{115}{42}$



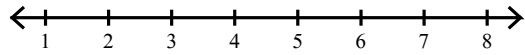
8) $-1 + n \geq -\frac{2}{5}$ or $6n < 3$



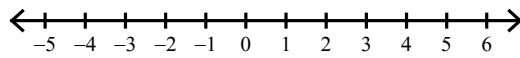
9) $k + \frac{3}{8} < -\frac{83}{24}$ or $k - 1 > -\frac{18}{7}$



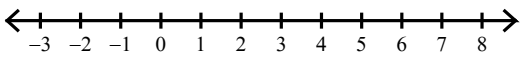
10) $p + \frac{8}{3} < \frac{49}{6}$ and $-\frac{10}{9}p \leq -\frac{130}{27}$



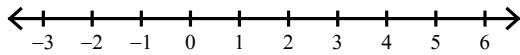
11) $a - \frac{11}{6} < -\frac{7}{3}$ or $\frac{2}{9}a > \frac{2}{9}$



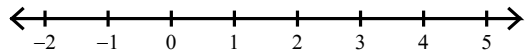
12) $-2k < -\frac{23}{3}$ or $k + \frac{8}{3} < \frac{8}{3}$



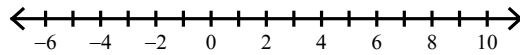
13) $-4m \geq -\frac{16}{3}$ or $2m \geq 5$



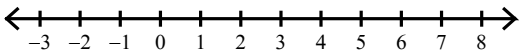
14) $n - 3 > -\frac{29}{10}$ and $n - \frac{12}{5} \leq -\frac{11}{40}$



15) $2n \geq 11$ or $\frac{3}{7}n < -\frac{6}{7}$



16) $v - \frac{16}{3} < -\frac{31}{6}$ or $-\frac{4}{3}v < -\frac{196}{27}$

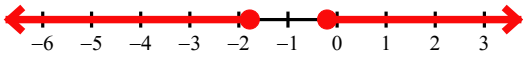


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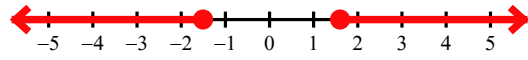
Date _____ Period _____

Solve each compound inequality and graph its solution.

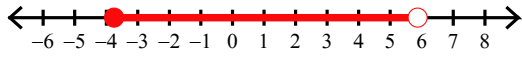
1) $v + 2 \geq \frac{9}{5}$ or $-\frac{1}{8}v \geq \frac{2}{9}$



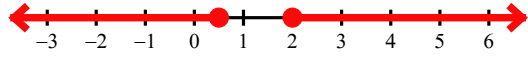
2) $-\frac{3}{2}r \geq \frac{9}{4}$ or $\frac{9}{47}r \geq \frac{72}{235}$



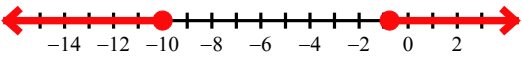
3) $\frac{10}{41}r < \frac{235}{164}$ and $-\frac{2}{3}r \leq \frac{5}{2}$



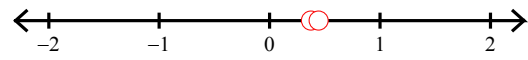
4) $\frac{5}{6}b \geq \frac{5}{3}$ or $b - \frac{8}{7} \leq -\frac{9}{14}$



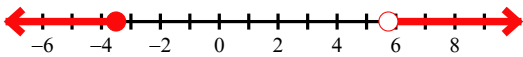
5) $\frac{11}{3}a \leq -\frac{110}{3}$ or $\frac{44}{9}a \geq -\frac{11}{3}$



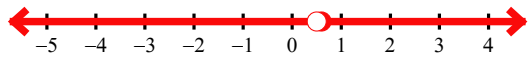
6) $\frac{1}{2}n > \frac{3}{16}$ and $-\frac{15}{4}n > -\frac{5}{3}$



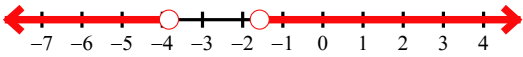
7) $v + \frac{5}{3} \leq -\frac{11}{6}$ or $\frac{10}{21}v > \frac{115}{42}$



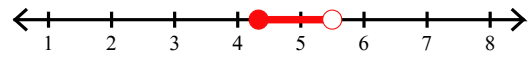
8) $-1 + n \geq -\frac{2}{5}$ or $6n < 3$



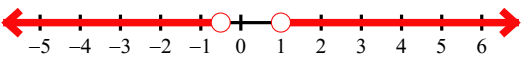
9) $k + \frac{3}{8} < -\frac{83}{24}$ or $k - 1 > -\frac{18}{7}$



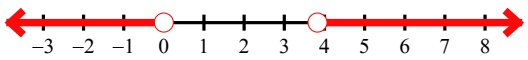
10) $p + \frac{8}{3} < \frac{49}{6}$ and $-\frac{10}{9}p \leq -\frac{130}{27}$



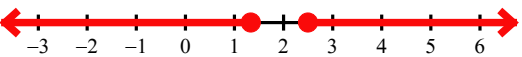
11) $a - \frac{11}{6} < -\frac{7}{3}$ or $\frac{2}{9}a > \frac{2}{9}$



12) $-2k < -\frac{23}{3}$ or $k + \frac{8}{3} < \frac{8}{3}$



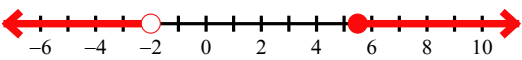
13) $-4m \geq -\frac{16}{3}$ or $2m \geq 5$



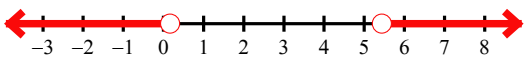
14) $n - 3 > -\frac{29}{10}$ and $n - \frac{12}{5} \leq -\frac{11}{40}$



15) $2n \geq 11$ or $\frac{3}{7}n < -\frac{6}{7}$



16) $v - \frac{16}{3} < -\frac{31}{6}$ or $-\frac{4}{3}v < -\frac{196}{27}$

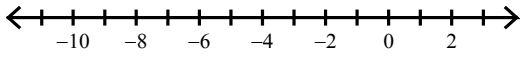


Assignment

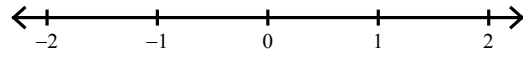
Date _____ Period _____

Solve each compound inequality and graph its solution.

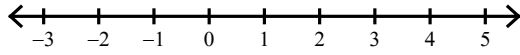
1) $\frac{4}{7}x < -4$ or $x + \frac{12}{7} > \frac{41}{28}$



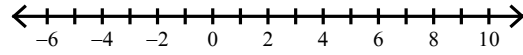
2) $\frac{24}{7} \leq n + 2 \leq \frac{31}{9}$



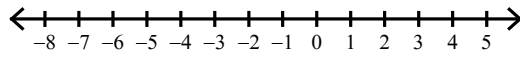
3) $\frac{8}{3}x \geq -\frac{16}{15}$ and $\frac{13}{6}x \leq \frac{208}{21}$



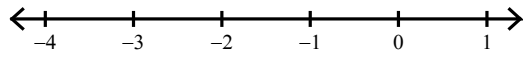
4) $\frac{7}{6}n > \frac{49}{8}$ or $n - \frac{11}{10} < -\frac{21}{10}$



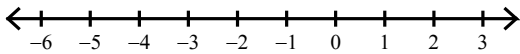
5) $-\frac{49}{6} \leq r - \frac{7}{6} < \frac{91}{30}$



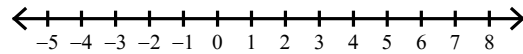
6) $\frac{13}{16} \leq -\frac{1}{2}k < 1$



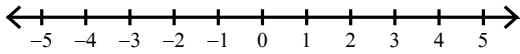
7) $x + \frac{37}{10} \geq \frac{18}{5}$ or $x - \frac{13}{10} \leq -\frac{257}{90}$



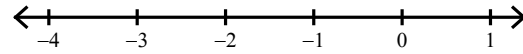
8) $\frac{8}{5}n > \frac{42}{5}$ or $n + \frac{29}{8} < \frac{29}{8}$



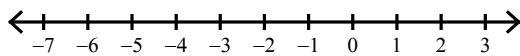
9) $2x > 0$ or $x - 1 \leq -\frac{13}{6}$



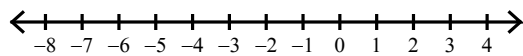
10) $n + \frac{40}{9} > \frac{128}{45}$ and $8 + n < \frac{61}{7}$



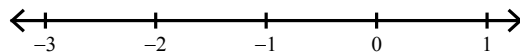
11) $-\frac{3}{2}x < \frac{15}{2}$ and $\frac{9}{2}x < \frac{27}{4}$



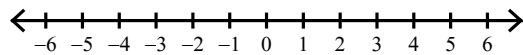
12) $-\frac{3}{2}m \leq \frac{33}{20}$ or $\frac{5}{17}m \leq -\frac{125}{136}$



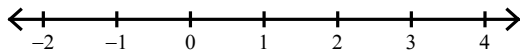
13) $\frac{7}{9} \leq r + \frac{16}{9} \leq \frac{91}{36}$



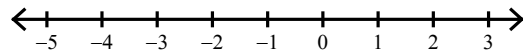
14) $2m < -\frac{18}{5}$ or $\frac{9}{14}m > \frac{243}{98}$



15) $x - \frac{9}{5} > -\frac{37}{40}$ and $5x < 5$



16) $b - \frac{23}{6} > -\frac{31}{6}$ or $-\frac{6}{5}b > \frac{9}{5}$



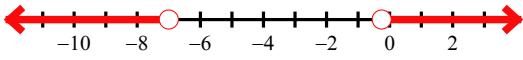
Assignment

Name _____

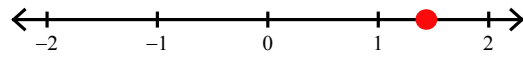
Date _____ Period _____

Solve each compound inequality and graph its solution.

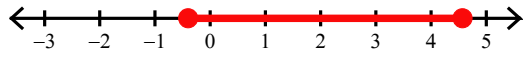
1) $\frac{4}{7}x < -4$ or $x + \frac{12}{7} > \frac{41}{28}$



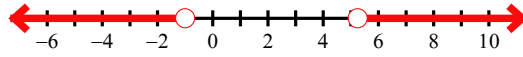
2) $\frac{24}{7} \leq n + 2 \leq \frac{31}{9}$



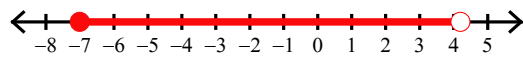
3) $\frac{8}{3}x \geq -\frac{16}{15}$ and $\frac{13}{6}x \leq \frac{208}{21}$



4) $\frac{7}{6}n > \frac{49}{8}$ or $n - \frac{11}{10} < -\frac{21}{10}$



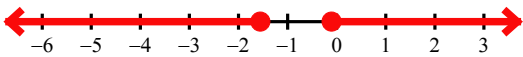
5) $-\frac{49}{6} \leq r - \frac{7}{6} < \frac{91}{30}$



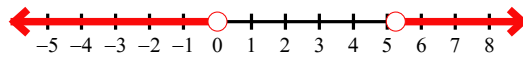
6) $\frac{13}{16} \leq -\frac{1}{2}k < 1$



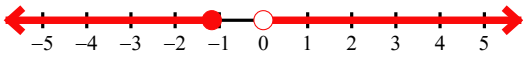
7) $x + \frac{37}{10} \geq \frac{18}{5}$ or $x - \frac{13}{10} \leq -\frac{257}{90}$



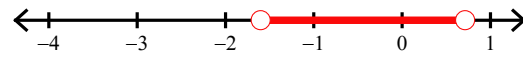
8) $\frac{8}{5}n > \frac{42}{5}$ or $n + \frac{29}{8} < \frac{29}{8}$



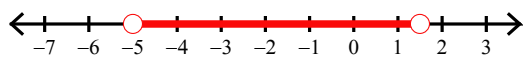
9) $2x > 0$ or $x - 1 \leq -\frac{13}{6}$



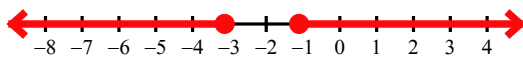
10) $n + \frac{40}{9} > \frac{128}{45}$ and $8 + n < \frac{61}{7}$



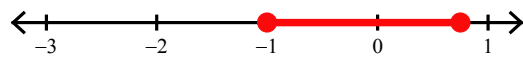
11) $-\frac{3}{2}x < \frac{15}{2}$ and $\frac{9}{2}x < \frac{27}{4}$



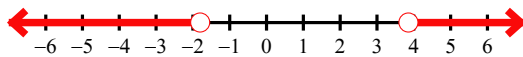
12) $-\frac{3}{2}m \leq \frac{33}{20}$ or $\frac{5}{17}m \leq -\frac{125}{136}$



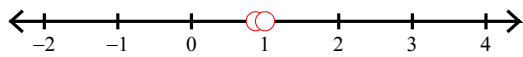
13) $\frac{7}{9} \leq r + \frac{16}{9} \leq \frac{91}{36}$



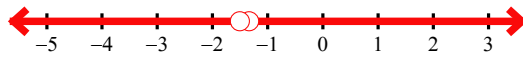
14) $2m < -\frac{18}{5}$ or $\frac{9}{14}m > \frac{243}{98}$



15) $x - \frac{9}{5} > -\frac{37}{40}$ and $5x < 5$



16) $b - \frac{23}{6} > -\frac{31}{6}$ or $-\frac{6}{5}b > \frac{9}{5}$

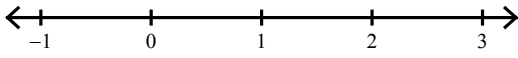


Assignment

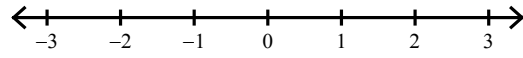
Date _____ Period _____

Solve each compound inequality and graph its solution.

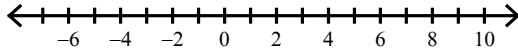
1) $v - 2 < -\frac{7}{10}$ and $v + \frac{8}{7} \geq \frac{142}{63}$



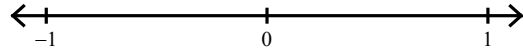
2) $-\frac{17}{18} < \frac{17}{9}n < \frac{238}{45}$



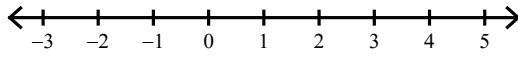
3) $\frac{10}{27}n < -\frac{25}{18}$ or $-2 + n > \frac{31}{10}$



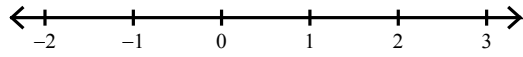
4) $-\frac{29}{24} \leq n - \frac{1}{3} < -\frac{25}{21}$



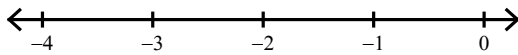
5) $n + \frac{11}{10} \leq \frac{23}{30}$ or $n + 3 > \frac{27}{5}$



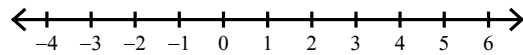
6) $k + \frac{29}{7} > \frac{96}{35}$ and $-\frac{9}{13}k \geq -\frac{99}{65}$



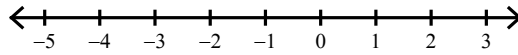
7) $-\frac{16}{5} \leq \frac{9}{5}n \leq -\frac{63}{25}$



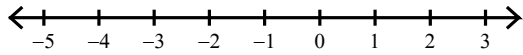
8) $a + \frac{37}{10} \geq \frac{99}{20}$ or $a - \frac{41}{7} < -\frac{391}{56}$



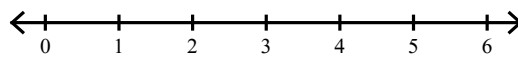
9) $-\frac{4}{7}n \leq \frac{92}{49}$ and $n + \frac{19}{6} \leq \frac{31}{6}$



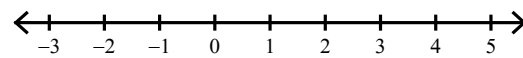
10) $\frac{3}{13}x < -\frac{21}{104}$ or $x + \frac{35}{9} \geq \frac{10}{3}$



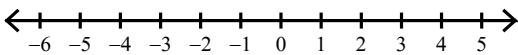
11) $r - \frac{7}{9} \leq \frac{67}{18}$ and $r - \frac{19}{5} \geq -\frac{41}{20}$



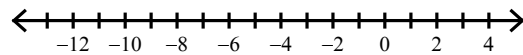
12) $b + \frac{19}{8} < \frac{121}{24}$ and $\frac{17}{4}b \geq \frac{51}{16}$



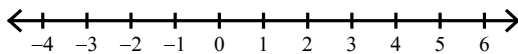
13) $x + \frac{6}{5} \leq \frac{1}{5}$ or $\frac{5}{9}x > \frac{5}{27}$



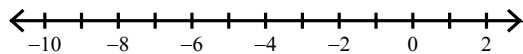
14) $-\frac{5}{3}n < \frac{5}{9}$ or $\frac{3}{2}n < -12$



15) $n - \frac{15}{8} \leq -\frac{129}{56}$ or $n + \frac{10}{7} \geq \frac{373}{70}$



16) $-\frac{16}{7} < -8v < 73$

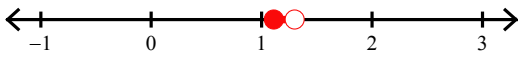


Assignment

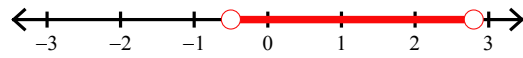
Date _____ Period _____

Solve each compound inequality and graph its solution.

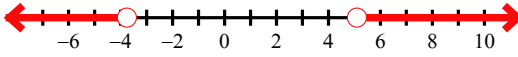
1) $v - 2 < -\frac{7}{10}$ and $v + \frac{8}{7} \geq \frac{142}{63}$



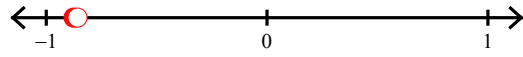
2) $-\frac{17}{18} < \frac{17}{9}n < \frac{238}{45}$



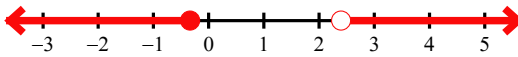
3) $\frac{10}{27}n < -\frac{25}{18}$ or $-2 + n > \frac{31}{10}$



4) $-\frac{29}{24} \leq n - \frac{1}{3} < -\frac{25}{21}$



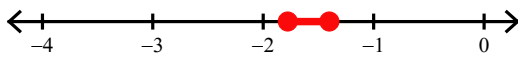
5) $n + \frac{11}{10} \leq \frac{23}{30}$ or $n + 3 > \frac{27}{5}$



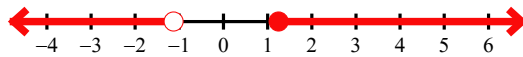
6) $k + \frac{29}{7} > \frac{96}{35}$ and $-\frac{9}{13}k \geq -\frac{99}{65}$



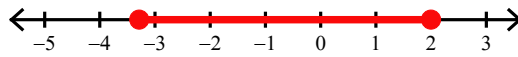
7) $-\frac{16}{5} \leq \frac{9}{5}n \leq -\frac{63}{25}$



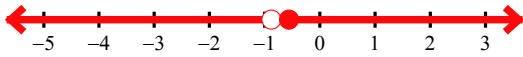
8) $a + \frac{37}{10} \geq \frac{99}{20}$ or $a - \frac{41}{7} < -\frac{391}{56}$



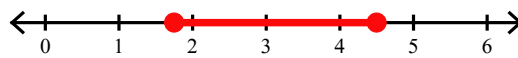
9) $-\frac{4}{7}n \leq \frac{92}{49}$ and $n + \frac{19}{6} \leq \frac{31}{6}$



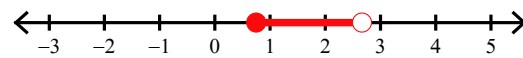
10) $\frac{3}{13}x < -\frac{21}{104}$ or $x + \frac{35}{9} \geq \frac{10}{3}$



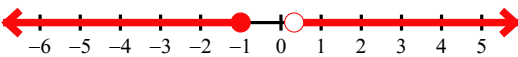
11) $r - \frac{7}{9} \leq \frac{67}{18}$ and $r - \frac{19}{5} \geq -\frac{41}{20}$



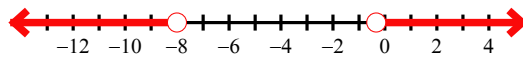
12) $b + \frac{19}{8} < \frac{121}{24}$ and $\frac{17}{4}b \geq \frac{51}{16}$



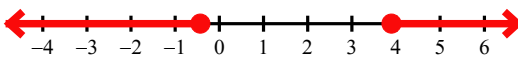
13) $x + \frac{6}{5} \leq \frac{1}{5}$ or $\frac{5}{9}x > \frac{5}{27}$



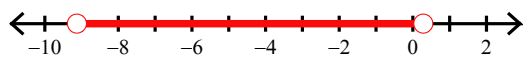
14) $-\frac{5}{3}n < \frac{5}{9}$ or $\frac{3}{2}n < -12$



15) $n - \frac{15}{8} \leq -\frac{129}{56}$ or $n + \frac{10}{7} \geq \frac{373}{70}$



16) $-\frac{16}{7} < -8v < 73$

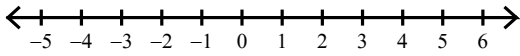


Assignment

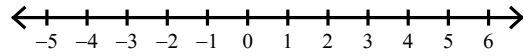
Date _____ Period _____

Solve each compound inequality and graph its solution.

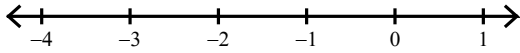
1) $v - \frac{4}{3} \geq \frac{5}{3}$ or $v - \frac{33}{7} < -\frac{477}{70}$



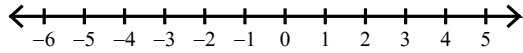
2) $b - \frac{2}{7} > \frac{5}{7}$ or $-\frac{11}{4}b \geq -\frac{11}{12}$



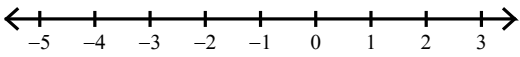
3) $-\frac{4}{3}n < \frac{8}{3}$ and $-\frac{9}{17}n \geq \frac{9}{34}$



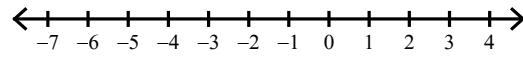
4) $\frac{8}{7}x < -\frac{40}{21}$ or $2x \geq \frac{20}{7}$



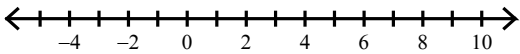
5) $\frac{1}{2}n \leq -\frac{5}{4}$ or $-\frac{3}{5}n < -\frac{8}{15}$



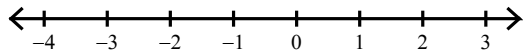
6) $r + \frac{5}{4} > \frac{9}{20}$ or $r - \frac{11}{10} < -\frac{67}{20}$



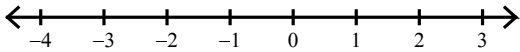
7) $b + 6 > \frac{79}{7}$ or $\frac{3}{2}b \leq -\frac{15}{8}$



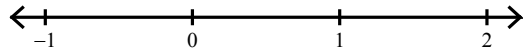
8) $\frac{1}{5}x > \frac{1}{20}$ or $x + \frac{16}{5} < \frac{23}{15}$



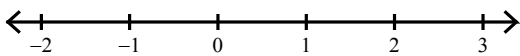
9) $r - \frac{35}{6} \leq -\frac{91}{12}$ or $\frac{11}{8}r \geq -\frac{55}{56}$



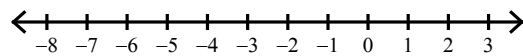
10) $\frac{179}{40} \leq k + \frac{18}{5} < \frac{79}{15}$



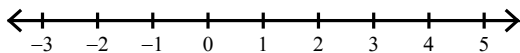
11) $n - \frac{1}{3} \leq \frac{19}{15}$ and $n - 9 \geq -\frac{97}{9}$



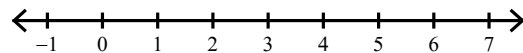
12) $-\frac{4}{5}n < \frac{19}{10}$ or $n + \frac{8}{5} \leq -\frac{74}{35}$



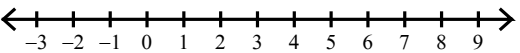
13) $\frac{1}{4}n \leq \frac{29}{36}$ and $\frac{6}{7}n \geq \frac{6}{35}$



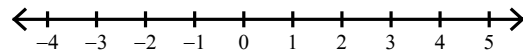
14) $\frac{13}{2} < \frac{13}{4}n \leq \frac{169}{10}$



15) $-\frac{2}{3}k < -\frac{35}{9}$ or $\frac{3}{4}k < \frac{1}{2}$



16) $-2r \leq -\frac{17}{4}$ or $r + \frac{2}{3} < -\frac{37}{30}$

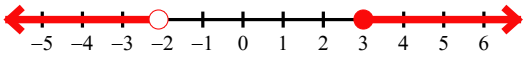


Assignment

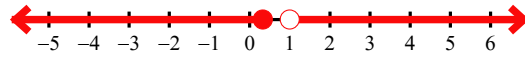
Date _____ Period _____

Solve each compound inequality and graph its solution.

1) $v - \frac{4}{3} \geq \frac{5}{3}$ or $v - \frac{33}{7} < -\frac{477}{70}$



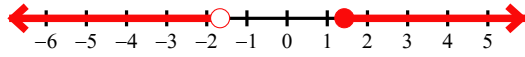
2) $b - \frac{2}{7} > \frac{5}{7}$ or $-\frac{11}{4}b \geq -\frac{11}{12}$



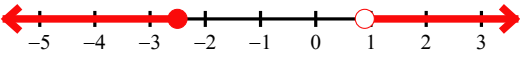
3) $-\frac{4}{3}n < \frac{8}{3}$ and $-\frac{9}{17}n \geq \frac{9}{34}$



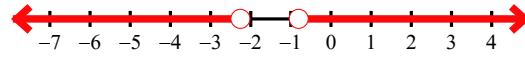
4) $\frac{8}{7}x < -\frac{40}{21}$ or $2x \geq \frac{20}{7}$



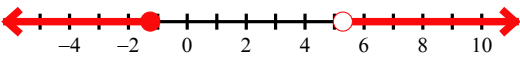
5) $\frac{1}{2}n \leq -\frac{5}{4}$ or $-\frac{3}{5}n < -\frac{8}{15}$



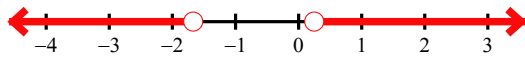
6) $r + \frac{5}{4} > \frac{9}{20}$ or $r - \frac{11}{10} < -\frac{67}{20}$



7) $b + 6 > \frac{79}{7}$ or $\frac{3}{2}b \leq -\frac{15}{8}$



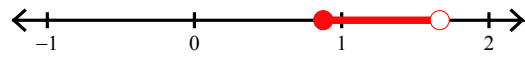
8) $\frac{1}{5}x > \frac{1}{20}$ or $x + \frac{16}{5} < \frac{23}{15}$



9) $r - \frac{35}{6} \leq -\frac{91}{12}$ or $\frac{11}{8}r \geq -\frac{55}{56}$



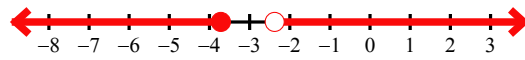
10) $\frac{179}{40} \leq k + \frac{18}{5} < \frac{79}{15}$



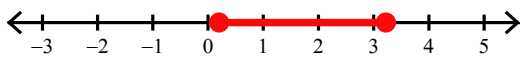
11) $n - \frac{1}{3} \leq \frac{19}{15}$ and $n - 9 \geq -\frac{97}{9}$



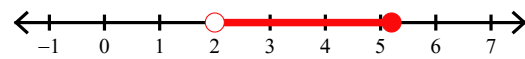
12) $-\frac{4}{5}n < \frac{19}{10}$ or $n + \frac{8}{5} \leq -\frac{74}{35}$



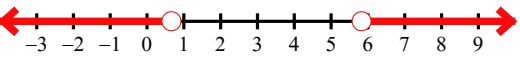
13) $\frac{1}{4}n \leq \frac{29}{36}$ and $\frac{6}{7}n \geq \frac{6}{35}$



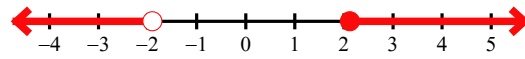
14) $\frac{13}{2} < \frac{13}{4}n \leq \frac{169}{10}$



15) $-\frac{2}{3}k < -\frac{35}{9}$ or $\frac{3}{4}k < \frac{1}{2}$



16) $-2r \leq -\frac{17}{4}$ or $r + \frac{2}{3} < -\frac{37}{30}$

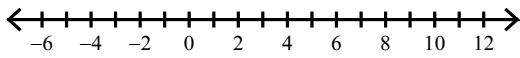


Assignment

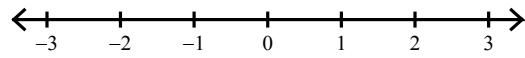
Date _____ Period _____

Solve each compound inequality and graph its solution.

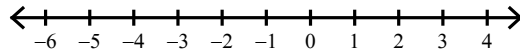
1) $\frac{29}{7}x < -\frac{551}{42}$ or $\frac{4}{3}x > \frac{32}{3}$



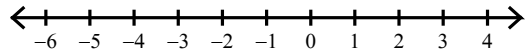
2) $-\frac{9}{13}k \geq -\frac{162}{91}$ and $\frac{10}{53}k > -\frac{50}{159}$



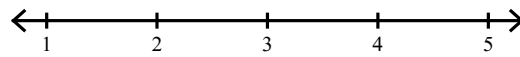
3) $\frac{7}{6}a > \frac{14}{9}$ or $-\frac{7}{2}a > \frac{56}{9}$



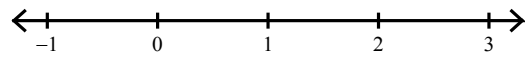
4) $v + \frac{3}{2} < \frac{3}{10}$ or $v + 1 \geq \frac{3}{2}$



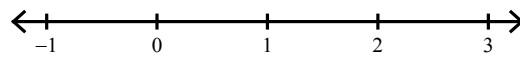
5) $n + \frac{23}{10} > \frac{131}{20}$ and $n + \frac{17}{8} < \frac{277}{40}$



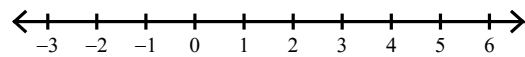
6) $-\frac{34}{5} \leq -\frac{17}{5}m < -\frac{51}{10}$



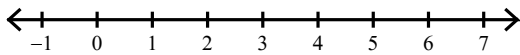
7) $a + \frac{11}{3} < \frac{17}{3}$ and $3a \geq -1$



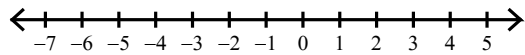
8) $\frac{10}{29}m \leq \frac{15}{29}$ or $m + \frac{16}{9} > \frac{41}{9}$



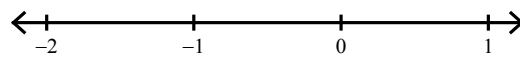
9) $k + \frac{4}{3} \leq \frac{49}{12}$ or $\frac{29}{9}k \geq \frac{1363}{90}$



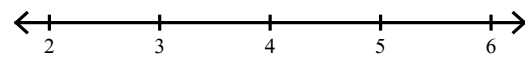
10) $-3v \leq \frac{15}{7}$ or $v - 2 < -\frac{45}{8}$



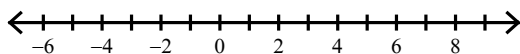
11) $-6p \leq \frac{39}{4}$ and $p + \frac{27}{10} < \frac{16}{5}$



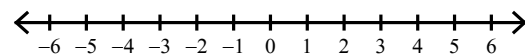
12) $\frac{43}{45} \leq \frac{1}{5}n \leq \frac{39}{40}$



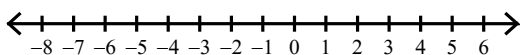
13) $-2m > \frac{44}{9}$ or $m + \frac{6}{5} \geq \frac{233}{40}$



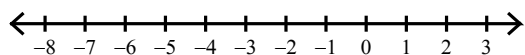
14) $-\frac{1}{4}p \geq \frac{15}{16}$ or $\frac{3}{5}p \geq \frac{6}{5}$



15) $\frac{10}{21}x > \frac{10}{7}$ or $\frac{10}{19}x < -\frac{75}{38}$



16) $v + \frac{11}{3} < -\frac{2}{15}$ or $v - 3 \geq -\frac{16}{5}$



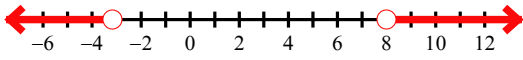
Assignment

Name _____

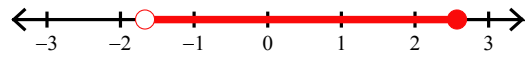
Date _____ Period _____

Solve each compound inequality and graph its solution.

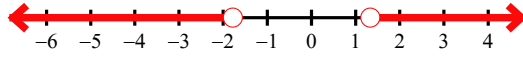
1) $\frac{29}{7}x < -\frac{551}{42}$ or $\frac{4}{3}x > \frac{32}{3}$



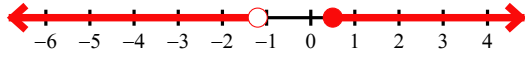
2) $-\frac{9}{13}k \geq -\frac{162}{91}$ and $\frac{10}{53}k > -\frac{50}{159}$



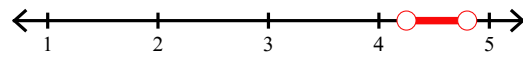
3) $\frac{7}{6}a > \frac{14}{9}$ or $-\frac{7}{2}a > \frac{56}{9}$



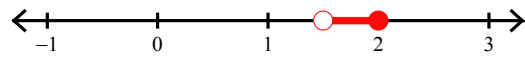
4) $v + \frac{3}{2} < \frac{3}{10}$ or $v + 1 \geq \frac{3}{2}$



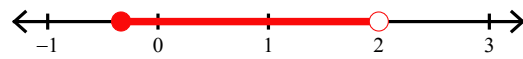
5) $n + \frac{23}{10} > \frac{131}{20}$ and $n + \frac{17}{8} < \frac{277}{40}$



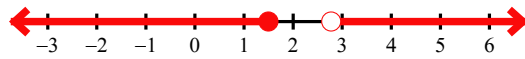
6) $-\frac{34}{5} \leq -\frac{17}{5}m < -\frac{51}{10}$



7) $a + \frac{11}{3} < \frac{17}{3}$ and $3a \geq -1$



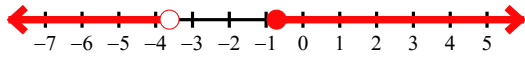
8) $\frac{10}{29}m \leq \frac{15}{29}$ or $m + \frac{16}{9} > \frac{41}{9}$



9) $k + \frac{4}{3} \leq \frac{49}{12}$ or $\frac{29}{9}k \geq \frac{1363}{90}$



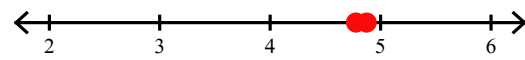
10) $-3v \leq \frac{15}{7}$ or $v - 2 < -\frac{45}{8}$



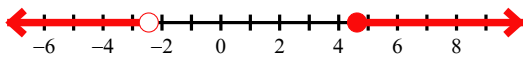
11) $-6p \leq \frac{39}{4}$ and $p + \frac{27}{10} < \frac{16}{5}$



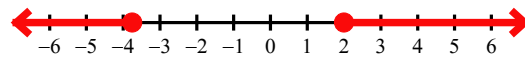
12) $\frac{43}{45} \leq \frac{1}{5}n \leq \frac{39}{40}$



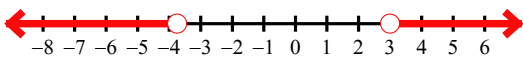
13) $-2m > \frac{44}{9}$ or $m + \frac{6}{5} \geq \frac{233}{40}$



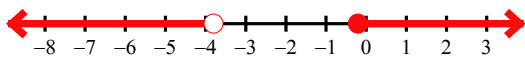
14) $-\frac{1}{4}p \geq \frac{15}{16}$ or $\frac{3}{5}p \geq \frac{6}{5}$



15) $\frac{10}{21}x > \frac{10}{7}$ or $\frac{10}{19}x < -\frac{75}{38}$



16) $v + \frac{11}{3} < -\frac{2}{15}$ or $v - 3 \geq -\frac{16}{5}$

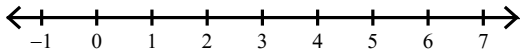


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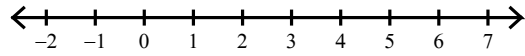
Date _____ Period _____

Solve each compound inequality and graph its solution.

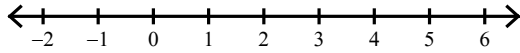
1) $\frac{9}{11}x \leq \frac{423}{110}$ and $8 + x \geq \frac{28}{3}$



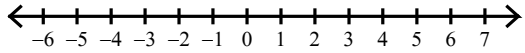
2) $2a \geq -\frac{16}{5}$ and $\frac{5}{9}a < \frac{43}{18}$



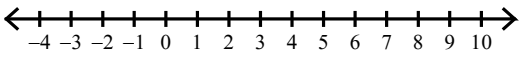
3) $-6b \leq -\frac{162}{7}$ or $\frac{11}{6}b < \frac{77}{30}$



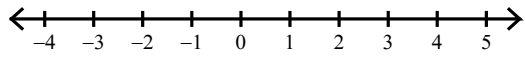
4) $-\frac{9}{7}m > -\frac{15}{2}$ and $m - \frac{33}{10} \geq -\frac{577}{90}$



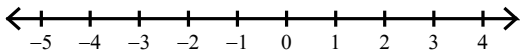
5) $-\frac{3}{2}x > -\frac{57}{20}$ or $\frac{6}{11}x > \frac{162}{55}$



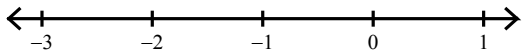
6) $a + \frac{3}{5} \leq \frac{21}{10}$ or $\frac{17}{7}a \geq \frac{34}{7}$



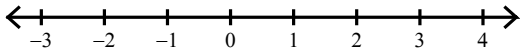
7) $\frac{7}{4}m < -\frac{7}{4}$ or $\frac{2}{3}m > -\frac{4}{9}$



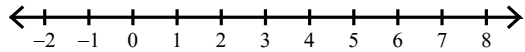
8) $\frac{9}{16}x \geq -\frac{117}{160}$ and $-\frac{61}{10}x > -\frac{61}{30}$



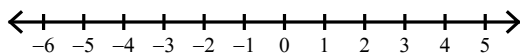
9) $x + \frac{17}{10} < \frac{113}{40}$ and $\frac{6}{19}x > -\frac{60}{133}$



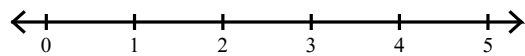
10) $p - \frac{13}{10} < \frac{169}{70}$ or $\frac{4}{3}p \geq \frac{92}{15}$



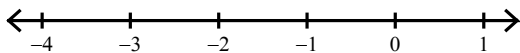
11) $-\frac{3}{2}n > 3$ or $\frac{7}{2}n \geq \frac{91}{10}$



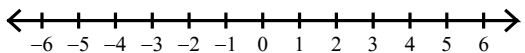
12) $2 + b < \frac{59}{9}$ and $\frac{7}{9}b > \frac{7}{9}$



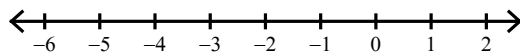
13) $-\frac{935}{72} < b - \frac{87}{8} \leq -\frac{577}{56}$



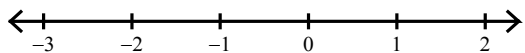
14) $-\frac{4}{3}m \leq -\frac{38}{9}$ or $-\frac{7}{5}m \geq \frac{14}{9}$



15) $b + \frac{13}{3} > \frac{5}{6}$ and $\frac{10}{23}b < -\frac{90}{161}$



16) $-\frac{7}{4} < p - 1 < \frac{1}{3}$

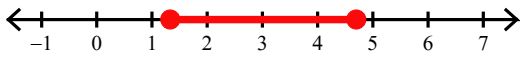


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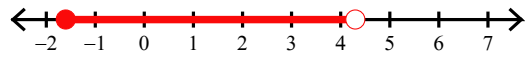
Date _____ Period _____

Solve each compound inequality and graph its solution.

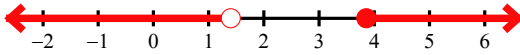
1) $\frac{9}{11}x \leq \frac{423}{110}$ and $8 + x \geq \frac{28}{3}$



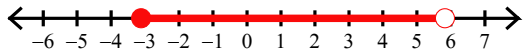
2) $2a \geq -\frac{16}{5}$ and $\frac{5}{9}a < \frac{43}{18}$



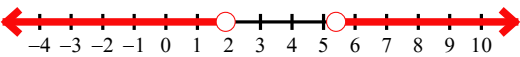
3) $-6b \leq -\frac{162}{7}$ or $\frac{11}{6}b < \frac{77}{30}$



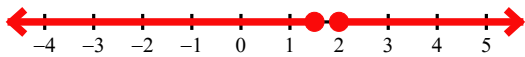
4) $-\frac{9}{7}m > -\frac{15}{2}$ and $m - \frac{33}{10} \geq -\frac{577}{90}$



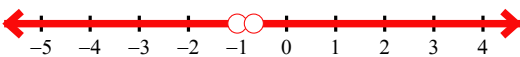
5) $-\frac{3}{2}x > -\frac{57}{20}$ or $\frac{6}{11}x > \frac{162}{55}$



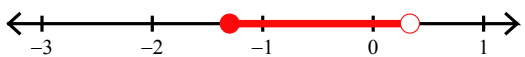
6) $a + \frac{3}{5} \leq \frac{21}{10}$ or $\frac{17}{7}a \geq \frac{34}{7}$



7) $\frac{7}{4}m < -\frac{7}{4}$ or $\frac{2}{3}m > -\frac{4}{9}$



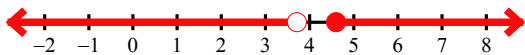
8) $\frac{9}{16}x \geq -\frac{117}{160}$ and $-\frac{61}{10}x > -\frac{61}{30}$



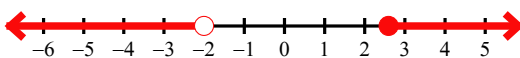
9) $x + \frac{17}{10} < \frac{113}{40}$ and $\frac{6}{19}x > -\frac{60}{133}$



10) $p - \frac{13}{10} < \frac{169}{70}$ or $\frac{4}{3}p \geq \frac{92}{15}$



11) $-\frac{3}{2}n > 3$ or $\frac{7}{2}n \geq \frac{91}{10}$



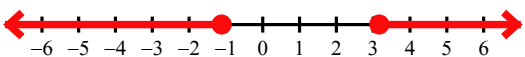
12) $2 + b < \frac{59}{9}$ and $\frac{7}{9}b > \frac{7}{9}$



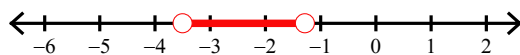
13) $-\frac{935}{72} < b - \frac{87}{8} \leq -\frac{577}{56}$



14) $-\frac{4}{3}m \leq -\frac{38}{9}$ or $-\frac{7}{5}m \geq \frac{14}{9}$



15) $b + \frac{13}{3} > \frac{5}{6}$ and $\frac{10}{23}b < -\frac{90}{161}$



16) $-\frac{7}{4} < p - 1 < \frac{1}{3}$

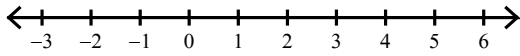


Assignment

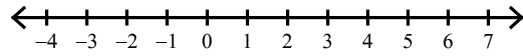
Date _____ Period _____

Solve each compound inequality and graph its solution.

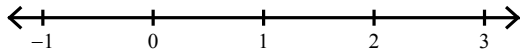
1) $\frac{2}{11}k < -\frac{4}{33}$ or $\frac{11}{8}k > \frac{99}{40}$



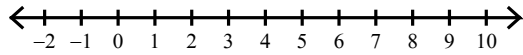
2) $\frac{10}{3}n < -\frac{20}{9}$ or $\frac{5}{2}n > \frac{20}{3}$



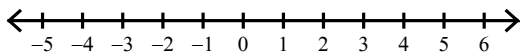
3) $-\frac{17}{9}k \geq -\frac{17}{21}$ and $-\frac{23}{10}k < 0$



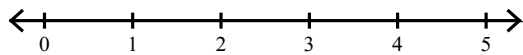
4) $\frac{5}{8} < \frac{1}{2}x \leq \frac{9}{2}$



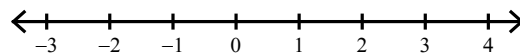
5) $\frac{5}{6}x < \frac{5}{8}$ or $\frac{9}{23}x > \frac{32}{23}$



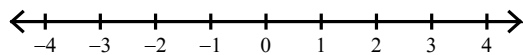
6) $\frac{2}{3}v \geq \frac{4}{3}$ and $-9v \geq -\frac{99}{5}$



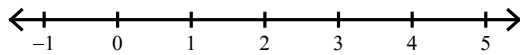
7) $a + \frac{13}{4} \leq \frac{17}{4}$ and $a + \frac{23}{9} > \frac{19}{18}$



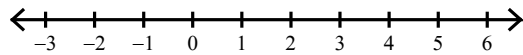
8) $-\frac{25}{3} < n - \frac{29}{6} \leq -\frac{4}{3}$



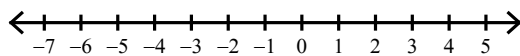
9) $-\frac{49}{5} \leq -2n \leq -\frac{1}{2}$



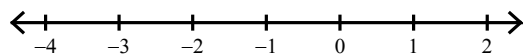
10) $2 > -\frac{3}{2}n > -5$



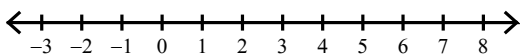
11) $-5 + b \geq -\frac{18}{7}$ or $-\frac{29}{10}b > \frac{29}{5}$



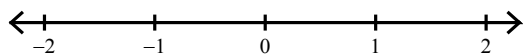
12) $-\frac{33}{4} \leq \frac{11}{2}n \leq -\frac{11}{2}$



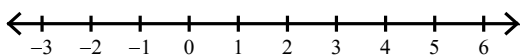
13) $k - \frac{2}{3} < \frac{11}{15}$ or $k + \frac{6}{5} \geq \frac{181}{30}$



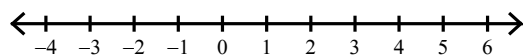
14) $x - \frac{5}{4} \geq -\frac{57}{20}$ and $\frac{4}{11}x \leq \frac{20}{99}$



15) $\frac{17}{9}x \geq \frac{391}{90}$ or $x + \frac{6}{7} < \frac{11}{21}$



16) $n - \frac{3}{2} < -\frac{1}{14}$ or $n + \frac{16}{5} > \frac{47}{10}$

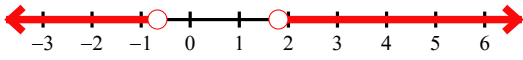


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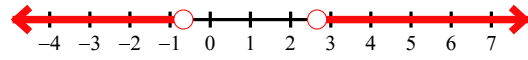
Date _____ Period _____

Solve each compound inequality and graph its solution.

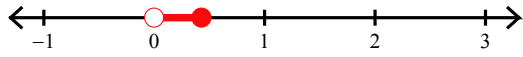
1) $\frac{2}{11}k < -\frac{4}{33}$ or $\frac{11}{8}k > \frac{99}{40}$



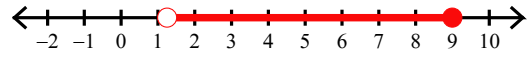
2) $\frac{10}{3}n < -\frac{20}{9}$ or $\frac{5}{2}n > \frac{20}{3}$



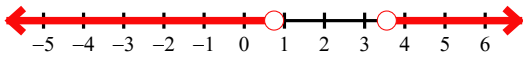
3) $-\frac{17}{9}k \geq -\frac{17}{21}$ and $-\frac{23}{10}k < 0$



4) $\frac{5}{8} < \frac{1}{2}x \leq \frac{9}{2}$



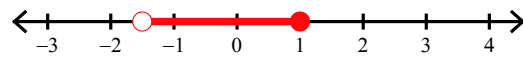
5) $\frac{5}{6}x < \frac{5}{8}$ or $\frac{9}{23}x > \frac{32}{23}$



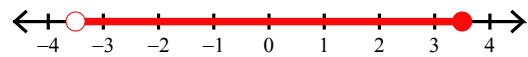
6) $\frac{2}{3}v \geq \frac{4}{3}$ and $-9v \geq -\frac{99}{5}$



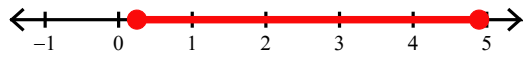
7) $a + \frac{13}{4} \leq \frac{17}{4}$ and $a + \frac{23}{9} > \frac{19}{18}$



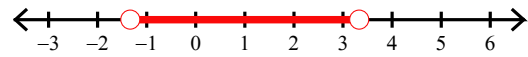
8) $-\frac{25}{3} < n - \frac{29}{6} \leq -\frac{4}{3}$



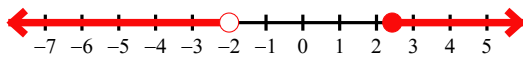
9) $-\frac{49}{5} \leq -2n \leq -\frac{1}{2}$



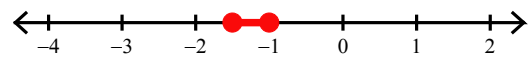
10) $2 > -\frac{3}{2}n > -5$



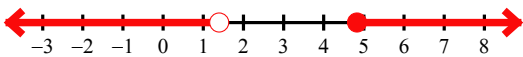
11) $-5 + b \geq -\frac{18}{7}$ or $-\frac{29}{10}b > \frac{29}{5}$



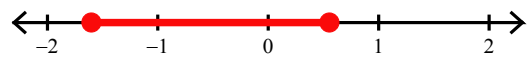
12) $-\frac{33}{4} \leq \frac{11}{2}n \leq -\frac{11}{2}$



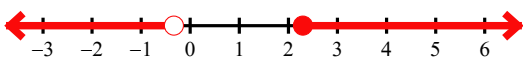
13) $k - \frac{2}{3} < \frac{11}{15}$ or $k + \frac{6}{5} \geq \frac{181}{30}$



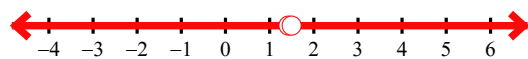
14) $x - \frac{5}{4} \geq -\frac{57}{20}$ and $\frac{4}{11}x \leq \frac{20}{99}$



15) $\frac{17}{9}x \geq \frac{391}{90}$ or $x + \frac{6}{7} < \frac{11}{21}$



16) $n - \frac{3}{2} < -\frac{1}{14}$ or $n + \frac{16}{5} > \frac{47}{10}$

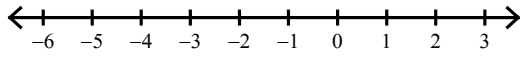


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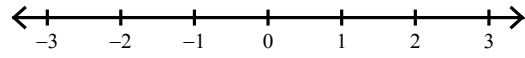
Date _____ Period _____

Solve each compound inequality and graph its solution.

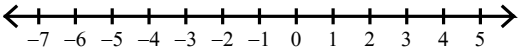
1) $\frac{8}{21}r > -\frac{8}{35}$ or $-\frac{4}{3}r \geq \frac{92}{21}$



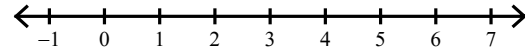
2) $-\frac{11}{3} \leq 2x < \frac{16}{9}$



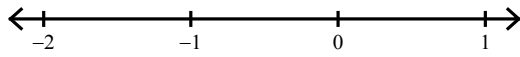
3) $x + \frac{1}{4} > \frac{15}{28}$ or $-5x > \frac{125}{8}$



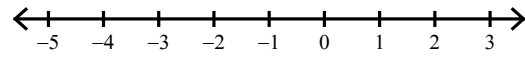
4) $0 < \frac{43}{4}b < 43$



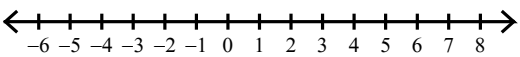
5) $n - \frac{2}{7} \geq -\frac{89}{42}$ and $\frac{11}{7}n \leq \frac{11}{10}$



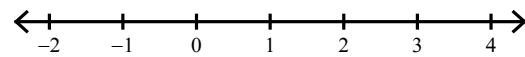
6) $n - \frac{1}{5} > -\frac{1}{5}$ or $n - \frac{7}{4} < -\frac{13}{4}$



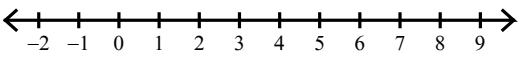
7) $-\frac{9}{4}v > \frac{135}{32}$ or $v - \frac{5}{4} \geq \frac{37}{20}$



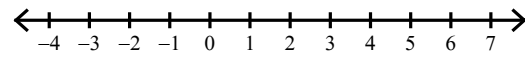
8) $\frac{40}{63} < \frac{8}{21}a \leq \frac{32}{35}$



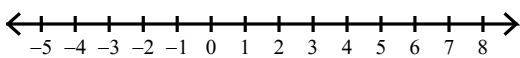
9) $\frac{25}{7}x \leq \frac{650}{63}$ or $-10x \leq -55$



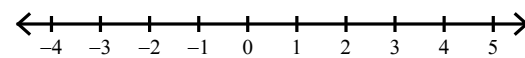
10) $\frac{3}{7}n < -\frac{3}{7}$ or $n - \frac{18}{5} \geq \frac{31}{40}$



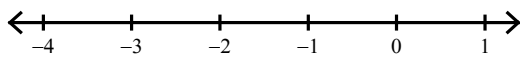
11) $n - \frac{17}{9} \leq -\frac{17}{9}$ or $-\frac{4}{3}n \leq -\frac{116}{27}$



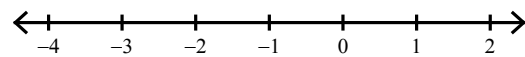
12) $r + \frac{17}{9} \geq -\frac{61}{63}$ and $r - \frac{1}{4} \leq \frac{131}{36}$



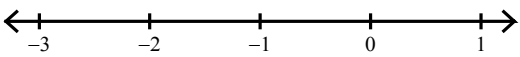
13) $\frac{1}{2}n \leq -\frac{3}{4}$ and $n + \frac{10}{7} \geq -\frac{47}{21}$



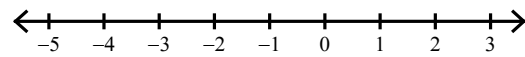
14) $-\frac{33}{35} < \frac{3}{5}n < -\frac{3}{4}$



15) $-\frac{17}{21} \leq k - \frac{2}{3} \leq -\frac{1}{6}$



16) $\frac{3}{2}a < -\frac{39}{14}$ or $a - \frac{11}{2} > -\frac{37}{6}$

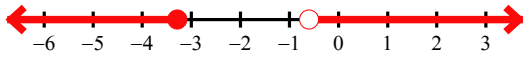


Assignment

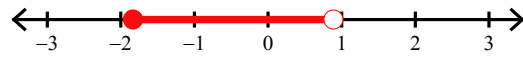
Date _____ Period _____

Solve each compound inequality and graph its solution.

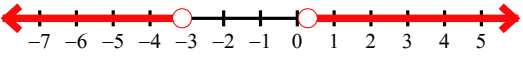
1) $\frac{8}{21}r > -\frac{8}{35}$ or $-\frac{4}{3}r \geq \frac{92}{21}$



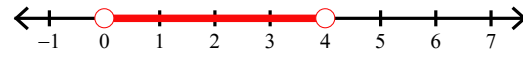
2) $-\frac{11}{3} \leq 2x < \frac{16}{9}$



3) $x + \frac{1}{4} > \frac{15}{28}$ or $-5x > \frac{125}{8}$



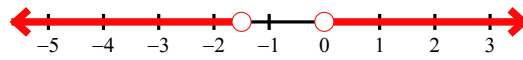
4) $0 < \frac{43}{4}b < 43$



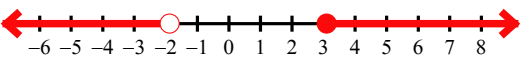
5) $n - \frac{2}{7} \geq -\frac{89}{42}$ and $\frac{11}{7}n \leq \frac{11}{10}$



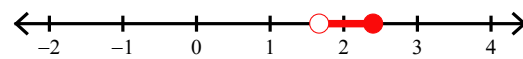
6) $n - \frac{1}{5} > -\frac{1}{5}$ or $n - \frac{7}{4} < -\frac{13}{4}$



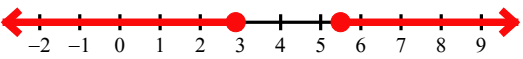
7) $-\frac{9}{4}v > \frac{135}{32}$ or $v - \frac{5}{4} \geq \frac{37}{20}$



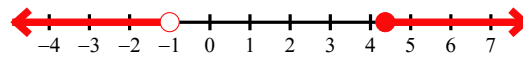
8) $\frac{40}{63} < \frac{8}{21}a \leq \frac{32}{35}$



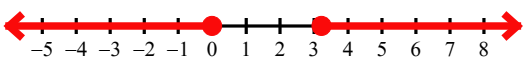
9) $\frac{25}{7}x \leq \frac{650}{63}$ or $-10x \leq -55$



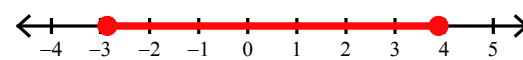
10) $\frac{3}{7}n < -\frac{3}{7}$ or $n - \frac{18}{5} \geq \frac{31}{40}$



11) $n - \frac{17}{9} \leq -\frac{17}{9}$ or $-\frac{4}{3}n \leq -\frac{116}{27}$



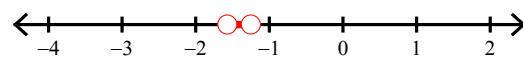
12) $r + \frac{17}{9} \geq -\frac{61}{63}$ and $r - \frac{1}{4} \leq \frac{131}{36}$



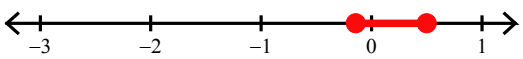
13) $\frac{1}{2}n \leq -\frac{3}{4}$ and $n + \frac{10}{7} \geq -\frac{47}{21}$



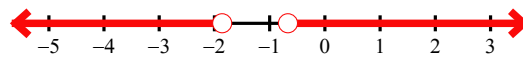
14) $-\frac{33}{35} < \frac{3}{5}n < -\frac{3}{4}$



15) $-\frac{17}{21} \leq k - \frac{2}{3} \leq -\frac{1}{6}$



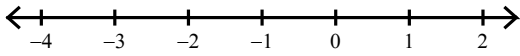
16) $\frac{3}{2}a < -\frac{39}{14}$ or $a - \frac{11}{2} > -\frac{37}{6}$



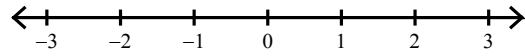
Assignment

Solve each compound inequality and graph its solution.

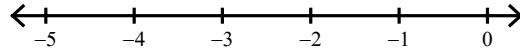
1) $x + \frac{26}{7} < \frac{233}{42}$ and $7x \geq -\frac{133}{9}$



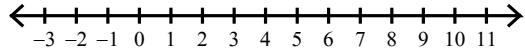
2) $\frac{5}{111} < \frac{10}{37}r \leq \frac{15}{74}$



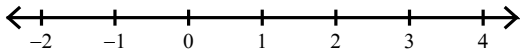
3) $\frac{3}{7}r \leq -\frac{33}{28}$ and $\frac{31}{9}r > -\frac{403}{36}$



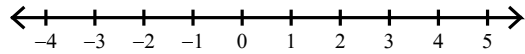
4) $\frac{9}{8}x < \frac{765}{64}$ and $x + \frac{13}{6} > \frac{53}{30}$



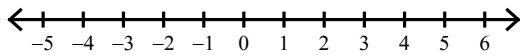
5) $\frac{4}{7} < \frac{8}{7}x < \frac{32}{21}$



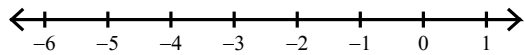
6) $p - \frac{49}{9} < -\frac{46}{9}$ or $p + 9 \geq \frac{34}{3}$



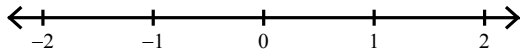
7) $\frac{3}{5}n > \frac{9}{5}$ or $-\frac{4}{3}n > -\frac{4}{9}$



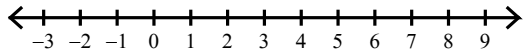
8) $\frac{29}{10}x \leq \frac{29}{80}$ and $2x > -\frac{37}{5}$



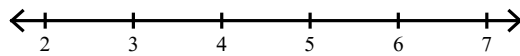
9) $\frac{74}{63} \geq \frac{37}{9}n \geq -\frac{296}{63}$



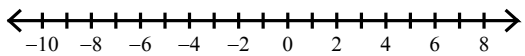
10) $\frac{39}{10}x \geq \frac{65}{4}$ or $\frac{43}{4}x < \frac{817}{40}$



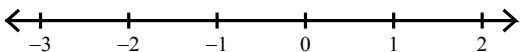
11) $2a \leq \frac{41}{4}$ and $a + \frac{23}{4} > \frac{73}{8}$



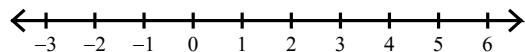
12) $x - \frac{37}{9} \geq -\frac{13}{36}$ or $\frac{29}{9}x < -\frac{203}{9}$



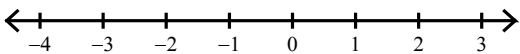
13) $x - \frac{43}{10} < -\frac{81}{20}$ and $x + \frac{3}{2} > -\frac{23}{18}$



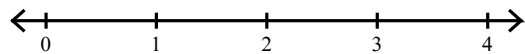
14) $\frac{5}{19}m > -\frac{15}{38}$ and $m + \frac{6}{5} \leq \frac{139}{20}$



15) $\frac{37}{8}v < -\frac{629}{80}$ or $\frac{3}{2}v > \frac{1}{2}$



16) $\frac{256}{45} \geq b + \frac{35}{9} \geq \frac{47}{9}$



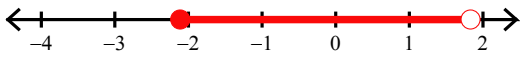
Assignment

Name _____

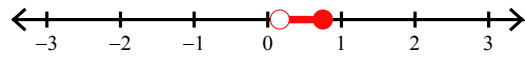
Date _____ Period _____

Solve each compound inequality and graph its solution.

1) $x + \frac{26}{7} < \frac{233}{42}$ and $7x \geq -\frac{133}{9}$



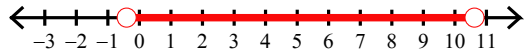
2) $\frac{5}{111} < \frac{10}{37}r \leq \frac{15}{74}$



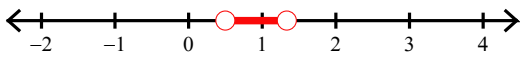
3) $\frac{3}{7}r \leq -\frac{33}{28}$ and $\frac{31}{9}r > -\frac{403}{36}$



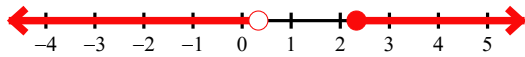
4) $\frac{9}{8}x < \frac{765}{64}$ and $x + \frac{13}{6} > \frac{53}{30}$



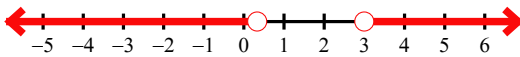
5) $\frac{4}{7} < \frac{8}{7}x < \frac{32}{21}$



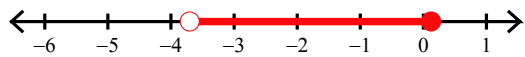
6) $p - \frac{49}{9} < -\frac{46}{9}$ or $p + 9 \geq \frac{34}{3}$



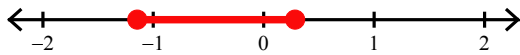
7) $\frac{3}{5}n > \frac{9}{5}$ or $-\frac{4}{3}n > -\frac{4}{9}$



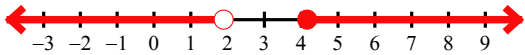
8) $\frac{29}{10}x \leq \frac{29}{80}$ and $2x > -\frac{37}{5}$



9) $\frac{74}{63} \geq \frac{37}{9}n \geq -\frac{296}{63}$



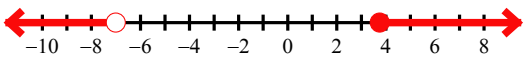
10) $\frac{39}{10}x \geq \frac{65}{4}$ or $\frac{43}{4}x < \frac{817}{40}$



11) $2a \leq \frac{41}{4}$ and $a + \frac{23}{4} > \frac{73}{8}$



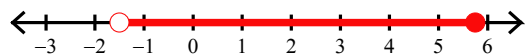
12) $x - \frac{37}{9} \geq -\frac{13}{36}$ or $\frac{29}{9}x < -\frac{203}{9}$



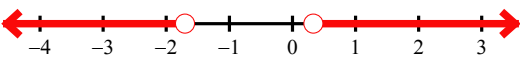
13) $x - \frac{43}{10} < -\frac{81}{20}$ and $x + \frac{3}{2} > -\frac{23}{18}$



14) $\frac{5}{19}m > -\frac{15}{38}$ and $m + \frac{6}{5} \leq \frac{139}{20}$



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