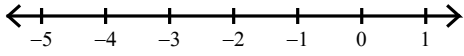


## Assignment

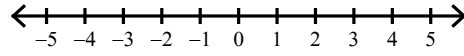
Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each inequality and graph its solution.

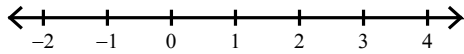
1)  $-\frac{1463}{80} < \frac{7}{4}\left(\frac{7}{2}x + 1\right) - \frac{2}{5}x$



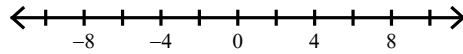
2)  $-\frac{65}{28} \geq \frac{13}{4}\left(\frac{19}{5}p - \frac{5}{7}\right)$



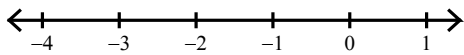
3)  $1 \leq \frac{1}{2}\left(r - \frac{1}{2}\right)$



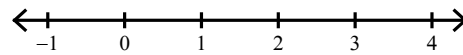
4)  $v - \left(v + \frac{7}{2}\right) \leq -\frac{7}{2}$



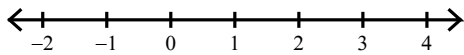
5)  $-2\left(\frac{17}{4}n + 1\right) \leq \frac{163}{12}$



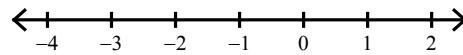
6)  $\frac{134}{45} \geq \frac{2}{5} + \frac{2}{3}\left(\frac{16}{5}x - \frac{4}{3}\right)$



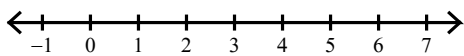
7)  $\frac{41}{6} \leq \frac{5}{4}\left(\frac{22}{5}a + 4\right)$



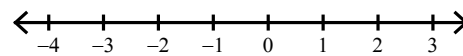
8)  $-\frac{5}{8} \geq \frac{7}{8} + 2\left(x + \frac{1}{4}\right)$



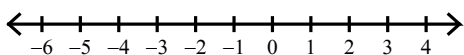
9)  $\frac{5}{3}\left(p - \frac{1}{4}\right) - \frac{3}{5} < \frac{917}{180}$



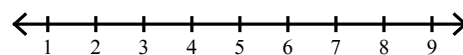
10)  $-\frac{8}{5}\left(\frac{3}{2}b + 1\right) + \frac{5}{3}b > -\frac{27}{10}$



11)  $-\frac{8}{7}\left(b + \frac{1}{3}\right) + \frac{1}{6}b \geq \frac{47}{56}$



12)  $\frac{365}{24} > 2 + \frac{3}{4}\left(\frac{23}{6}x + 1\right)$



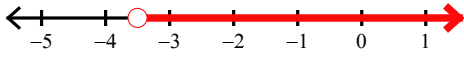
## Assignment

Name \_\_\_\_\_

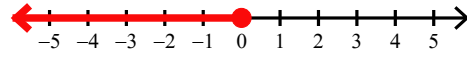
Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each inequality and graph its solution.

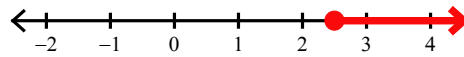
1)  $-\frac{1463}{80} < \frac{7}{4}\left(\frac{7}{2}x + 1\right) - \frac{2}{5}x$



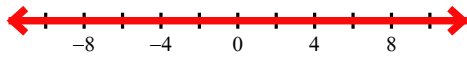
2)  $-\frac{65}{28} \geq \frac{13}{4}\left(\frac{19}{5}p - \frac{5}{7}\right)$



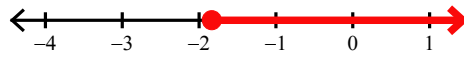
3)  $1 \leq \frac{1}{2}\left(r - \frac{1}{2}\right)$



4)  $v - \left(v + \frac{7}{2}\right) \leq -\frac{7}{2}$



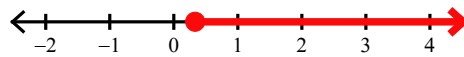
5)  $-2\left(\frac{17}{4}n + 1\right) \leq \frac{163}{12}$



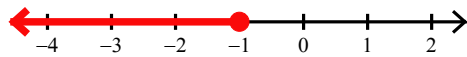
6)  $\frac{134}{45} \geq \frac{2}{5} + \frac{2}{3}\left(\frac{16}{5}x - \frac{4}{3}\right)$



7)  $\frac{41}{6} \leq \frac{5}{4}\left(\frac{22}{5}a + 4\right)$



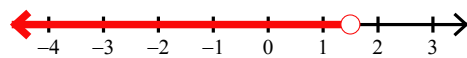
8)  $-\frac{5}{8} \geq \frac{7}{8} + 2\left(x + \frac{1}{4}\right)$



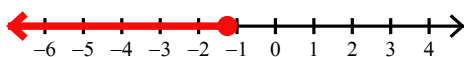
9)  $\frac{5}{3}\left(p - \frac{1}{4}\right) - \frac{3}{5} < \frac{917}{180}$



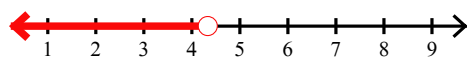
10)  $-\frac{8}{5}\left(\frac{3}{2}b + 1\right) + \frac{5}{3}b > -\frac{27}{10}$



11)  $-\frac{8}{7}\left(b + \frac{1}{3}\right) + \frac{1}{6}b \geq \frac{47}{56}$



12)  $\frac{365}{24} > 2 + \frac{3}{4}\left(\frac{23}{6}x + 1\right)$

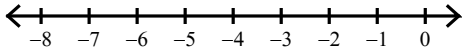


## Assignment

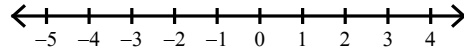
Date \_\_\_\_\_ Period \_\_\_\_\_

**Solve each inequality and graph its solution.**

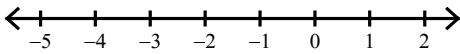
1)  $-\frac{71}{48} \leq -\frac{1}{4}\left(x + \frac{11}{4}\right) + \frac{1}{2}x$



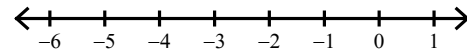
2)  $-\left(-\frac{3}{2}m + 1\right) + 2m \leq -\frac{61}{12}$



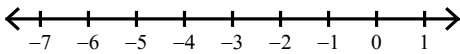
3)  $-\frac{427}{120} < \frac{7}{6}\left(-\frac{3}{4}r - \frac{19}{5}\right)$



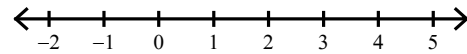
4)  $\frac{55}{48} \leq \frac{5}{6}\left(\frac{1}{4}n + \frac{7}{4}\right)$



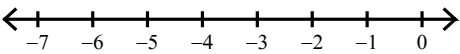
5)  $-\frac{2}{3}\left(\frac{7}{4}b - \frac{4}{5}\right) \leq \frac{381}{80}$



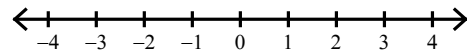
6)  $-\frac{143}{24} \geq -\frac{13}{6}\left(\frac{5}{4}p - 1\right)$



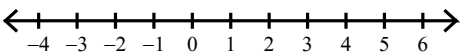
7)  $-2 + \frac{3}{7}\left(v + \frac{3}{2}\right) > -\frac{43}{14}$



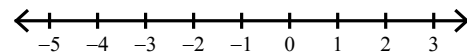
8)  $\frac{3}{4}\left(\frac{3}{2}x + 1\right) \leq \frac{33}{16}$



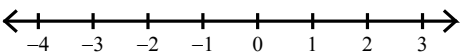
9)  $2\left(\frac{7}{8}x + 1\right) + 2 > \frac{205}{32}$



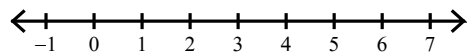
10)  $-\frac{125}{112} > \frac{3}{4}\left(\frac{34}{7}p + \frac{7}{4}\right)$



11)  $\frac{951}{400} \geq -\frac{3}{2}\left(-\frac{7}{5}v + \frac{3}{8}\right)$



12)  $\frac{239}{56} > \frac{22}{7}x - \frac{7}{2}\left(x - \frac{3}{2}\right)$



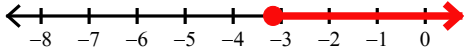
## Assignment

Name \_\_\_\_\_

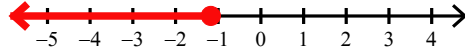
Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each inequality and graph its solution.

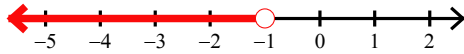
1) 
$$-\frac{71}{48} \leq -\frac{1}{4}\left(x + \frac{11}{4}\right) + \frac{1}{2}x$$



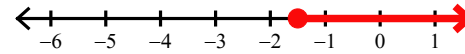
2) 
$$-\left(-\frac{3}{2}m + 1\right) + 2m \leq -\frac{61}{12}$$



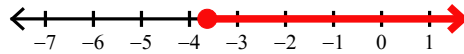
3) 
$$-\frac{427}{120} < \frac{7}{6}\left(-\frac{3}{4}r - \frac{19}{5}\right)$$



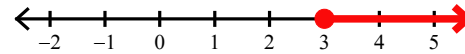
4) 
$$\frac{55}{48} \leq \frac{5}{6}\left(\frac{1}{4}n + \frac{7}{4}\right)$$



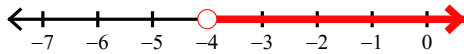
5) 
$$-\frac{2}{3}\left(\frac{7}{4}b - \frac{4}{5}\right) \leq \frac{381}{80}$$



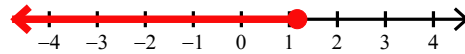
6) 
$$-\frac{143}{24} \geq -\frac{13}{6}\left(\frac{5}{4}p - 1\right)$$



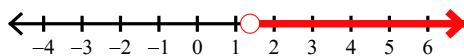
7) 
$$-2 + \frac{3}{7}\left(v + \frac{3}{2}\right) > -\frac{43}{14}$$



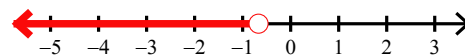
8) 
$$\frac{3}{4}\left(\frac{3}{2}x + 1\right) \leq \frac{33}{16}$$



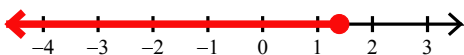
9) 
$$2\left(\frac{7}{8}x + 1\right) + 2 > \frac{205}{32}$$



10) 
$$-\frac{125}{112} > \frac{3}{4}\left(\frac{34}{7}p + \frac{7}{4}\right)$$



11) 
$$\frac{951}{400} \geq -\frac{3}{2}\left(-\frac{7}{5}v + \frac{3}{8}\right)$$



12) 
$$\frac{239}{56} > \frac{22}{7}x - \frac{7}{2}\left(x - \frac{3}{2}\right)$$

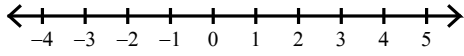


## Assignment

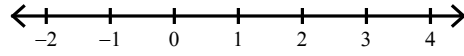
Date \_\_\_\_\_ Period \_\_\_\_\_

**Solve each inequality and graph its solution.**

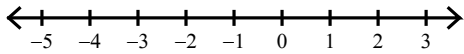
1)  $\frac{3}{2}\left(-\frac{3}{4}a + 1\right) \geq \frac{3}{8}$



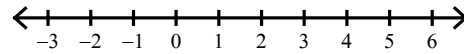
2)  $\frac{4}{9} \leq \frac{8}{3}\left(x - \frac{1}{3}\right)$



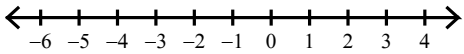
3)  $-\frac{62}{15} > -\frac{4}{3}\left(a + \frac{5}{2}\right)$



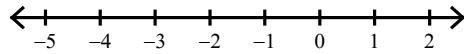
4)  $\frac{63}{32} \leq -\frac{7}{4}\left(\frac{3}{7}r - \frac{15}{8}\right)$



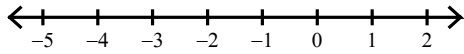
5)  $-\frac{19}{147} > \frac{19}{7}\left(x + \frac{9}{7}\right)$



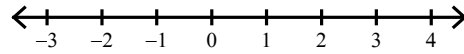
6)  $-\frac{2}{3}\left(x + \frac{8}{5}\right) > -\frac{1}{15}$



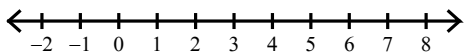
7)  $-\frac{325}{56} \leq \frac{5}{2}\left(r + \frac{5}{4}\right)$



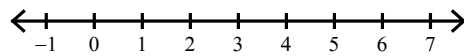
8)  $-\frac{31}{70} \leq -\frac{2}{5}\left(a + \frac{13}{7}\right)$



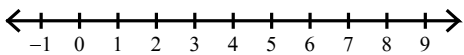
9)  $\frac{7}{6}\left(-\frac{9}{5}n - 8\right) \leq -\frac{469}{30}$



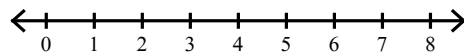
10)  $4 \leq \frac{1}{2}\left(\frac{7}{2}k - 2\right)$



11)  $\frac{75}{14} < -\frac{6}{7}\left(-\frac{3}{2}m + 1\right)$



12)  $22 \leq 4\left(\frac{3}{2}x + 1\right)$



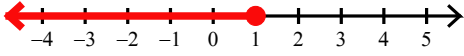
## Assignment

Name \_\_\_\_\_

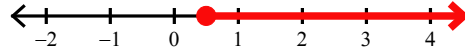
Date \_\_\_\_\_ Period \_\_\_\_\_

**Solve each inequality and graph its solution.**

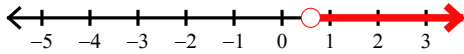
1)  $\frac{3}{2}\left(-\frac{3}{4}a + 1\right) \geq \frac{3}{8}$



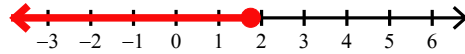
2)  $\frac{4}{9} \leq \frac{8}{3}\left(x - \frac{1}{3}\right)$



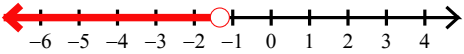
3)  $-\frac{62}{15} > -\frac{4}{3}\left(a + \frac{5}{2}\right)$



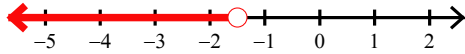
4)  $\frac{63}{32} \leq -\frac{7}{4}\left(\frac{3}{7}r - \frac{15}{8}\right)$



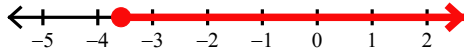
5)  $-\frac{19}{147} > \frac{19}{7}\left(x + \frac{9}{7}\right)$



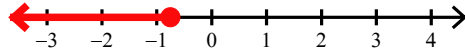
6)  $-\frac{2}{3}\left(x + \frac{8}{5}\right) > -\frac{1}{15}$



7)  $-\frac{325}{56} \leq \frac{5}{2}\left(r + \frac{5}{4}\right)$



8)  $-\frac{31}{70} \leq -\frac{2}{5}\left(a + \frac{13}{7}\right)$



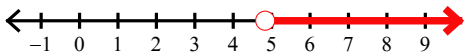
9)  $\frac{7}{6}\left(-\frac{9}{5}n - 8\right) \leq -\frac{469}{30}$



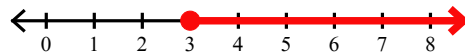
10)  $4 \leq \frac{1}{2}\left(\frac{7}{2}k - 2\right)$



11)  $\frac{75}{14} < -\frac{6}{7}\left(-\frac{3}{2}m + 1\right)$



12)  $22 \leq 4\left(\frac{3}{2}x + 1\right)$

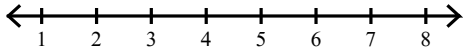


## Assignment

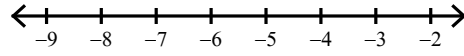
Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each inequality and graph its solution.

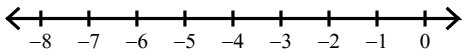
1)  $\frac{103}{10} \geq \frac{14}{3} \left( k - \frac{12}{7} \right) + \frac{3}{2}$



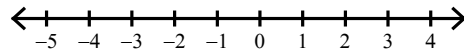
2)  $\frac{3}{2} \left( -\frac{25}{8}a + \frac{3}{4} \right) \leq \frac{393}{16}$



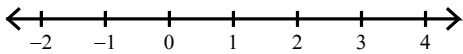
3)  $-\frac{1945}{112} \geq -\frac{3}{2} \left( -\frac{7}{3}x + \frac{30}{7} \right)$



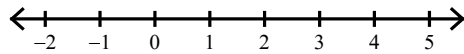
4)  $-\frac{7}{60} > \frac{4}{5} \left( \frac{3}{8}n - \frac{1}{3} \right)$



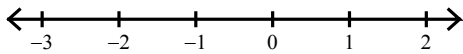
5)  $-\frac{21}{8} \left( -\frac{5}{4}x + \frac{9}{8} \right) > \frac{21}{64}$



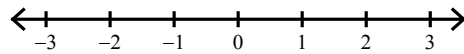
6)  $\frac{1091}{320} \geq \frac{3}{8} \left( \frac{11}{6}v + \frac{17}{8} \right)$



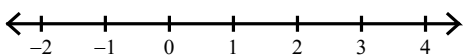
7)  $\frac{7}{4} < \frac{7}{4} \left( \frac{23}{6}x + 1 \right)$



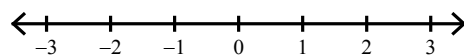
8)  $\frac{37}{8} \leq - \left( -\frac{25}{8}n + 1 \right)$



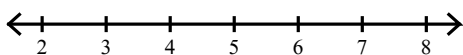
9)  $-\frac{143}{42} > -\frac{13}{7} \left( \frac{1}{2}x + \frac{4}{3} \right)$



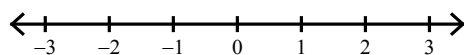
10)  $\frac{8}{7} \left( \frac{11}{3}n + 1 \right) \leq -\frac{36}{7}$



11)  $\frac{1891}{56} < \frac{31}{7} \left( x + \frac{29}{8} \right)$



12)  $-\frac{184}{75} \leq -\frac{6}{5} \left( -\frac{14}{5}n + 1 \right) + \frac{2}{5}n$



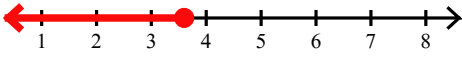
## Assignment

Name \_\_\_\_\_

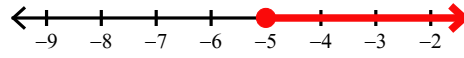
Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each inequality and graph its solution.

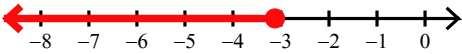
1)  $\frac{103}{10} \geq \frac{14}{3} \left( k - \frac{12}{7} \right) + \frac{3}{2}$



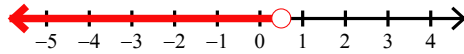
2)  $\frac{3}{2} \left( -\frac{25}{8}a + \frac{3}{4} \right) \leq \frac{393}{16}$



3)  $-\frac{1945}{112} \geq -\frac{3}{2} \left( -\frac{7}{3}x + \frac{30}{7} \right)$



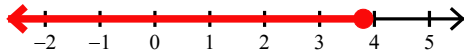
4)  $-\frac{7}{60} > \frac{4}{5} \left( \frac{3}{8}n - \frac{1}{3} \right)$



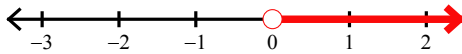
5)  $-\frac{21}{8} \left( -\frac{5}{4}x + \frac{9}{8} \right) > \frac{21}{64}$



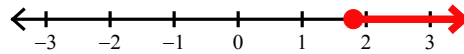
6)  $\frac{1091}{320} \geq \frac{3}{8} \left( \frac{11}{6}v + \frac{17}{8} \right)$



7)  $\frac{7}{4} < \frac{7}{4} \left( \frac{23}{6}x + 1 \right)$



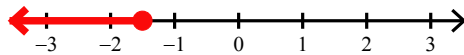
8)  $\frac{37}{8} \leq - \left( -\frac{25}{8}n + 1 \right)$



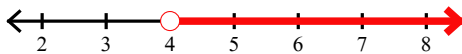
9)  $-\frac{143}{42} > -\frac{13}{7} \left( \frac{1}{2}x + \frac{4}{3} \right)$



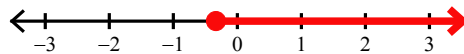
10)  $\frac{8}{7} \left( \frac{11}{3}n + 1 \right) \leq -\frac{36}{7}$



11)  $\frac{1891}{56} < \frac{31}{7} \left( x + \frac{29}{8} \right)$



12)  $-\frac{184}{75} \leq -\frac{6}{5} \left( -\frac{14}{5}n + 1 \right) + \frac{2}{5}n$



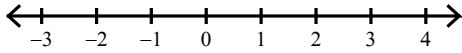


## Assignment

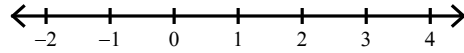
Date \_\_\_\_\_ Period \_\_\_\_\_

**Solve each inequality and graph its solution.**

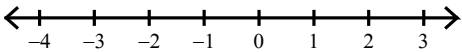
1) 
$$-\frac{26}{7}\left(\frac{2}{3}m+2\right)-\frac{16}{5}\geq-\frac{502}{35}$$



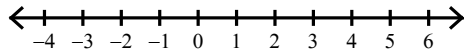
2) 
$$\frac{7}{4}\left(-2a+\frac{1}{2}\right)>-\frac{21}{8}$$



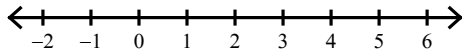
3) 
$$-\frac{17}{8}>\frac{3}{4}\left(\frac{15}{8}v-\frac{17}{6}\right)+\frac{1}{2}v$$



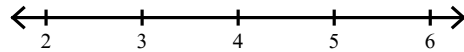
4) 
$$\frac{21}{8}\left(-\frac{2}{5}x-\frac{2}{5}\right)\geq-\frac{21}{8}$$



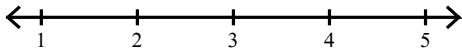
5) 
$$-\frac{1}{2}\left(\frac{10}{3}a-\frac{7}{6}\right)<-\frac{59}{36}$$



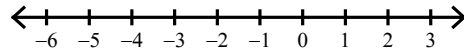
6) 
$$-\frac{219}{98}\geq-\frac{2}{7}\left(\frac{9}{7}n+\frac{12}{7}\right)$$



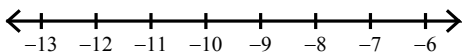
7) 
$$-2\left(\frac{20}{7}x+\frac{12}{5}\right)\leq-\frac{2704}{105}$$



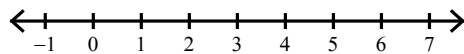
8) 
$$-2\left(\frac{39}{8}n+\frac{1}{2}\right)\leq\frac{61}{4}$$



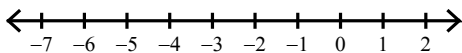
9) 
$$\frac{147}{16}<\frac{3}{2}\left(-\frac{1}{6}x+\frac{25}{8}\right)+\frac{7}{3}$$



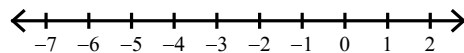
10) 
$$2\left(\frac{9}{2}v+1\right)\leq 44$$



11) 
$$\frac{1}{3}\left(\frac{25}{8}x+\frac{3}{2}\right)\geq-\frac{17}{6}$$



12) 
$$\frac{19}{4}+\frac{8}{5}\left(\frac{29}{6}p+\frac{1}{2}\right)>-\frac{6223}{300}$$

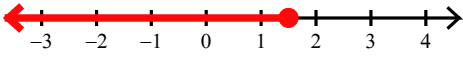


## Assignment

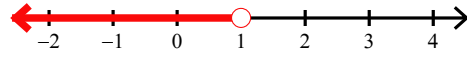
Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each inequality and graph its solution.

1) 
$$-\frac{26}{7}\left(\frac{2}{3}m+2\right)-\frac{16}{5}\geq-\frac{502}{35}$$



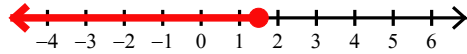
2) 
$$\frac{7}{4}\left(-2a+\frac{1}{2}\right)>-\frac{21}{8}$$



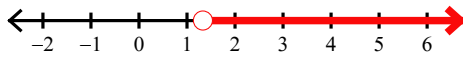
3) 
$$-\frac{17}{8}>\frac{3}{4}\left(\frac{15}{8}v-\frac{17}{6}\right)+\frac{1}{2}v$$



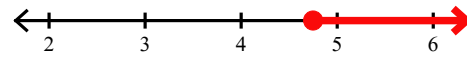
4) 
$$\frac{21}{8}\left(-\frac{2}{5}x-\frac{2}{5}\right)\geq-\frac{21}{8}$$



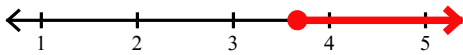
5) 
$$-\frac{1}{2}\left(\frac{10}{3}a-\frac{7}{6}\right)<-\frac{59}{36}$$



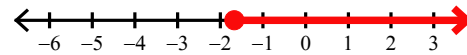
6) 
$$-\frac{219}{98}\geq-\frac{2}{7}\left(\frac{9}{7}n+\frac{12}{7}\right)$$



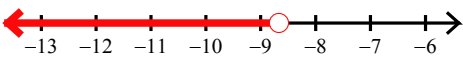
7) 
$$-2\left(\frac{20}{7}x+\frac{12}{5}\right)\leq-\frac{2704}{105}$$



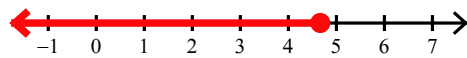
8) 
$$-2\left(\frac{39}{8}n+\frac{1}{2}\right)\leq\frac{61}{4}$$



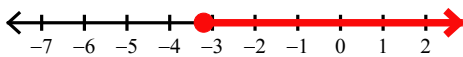
9) 
$$\frac{147}{16}<\frac{3}{2}\left(-\frac{1}{6}x+\frac{25}{8}\right)+\frac{7}{3}$$



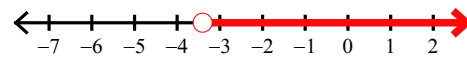
10) 
$$2\left(\frac{9}{2}v+1\right)\leq 44$$



11) 
$$\frac{1}{3}\left(\frac{25}{8}x+\frac{3}{2}\right)\geq-\frac{17}{6}$$



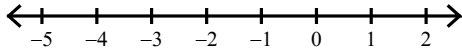
12) 
$$\frac{19}{4}+\frac{8}{5}\left(\frac{29}{6}p+\frac{1}{2}\right)>-\frac{6223}{300}$$



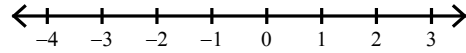
## Assignment

Solve each inequality and graph its solution.

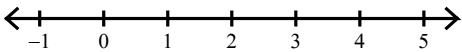
1)  $-2\left(n - \frac{11}{4}\right) - \frac{3}{4}n \leq \frac{407}{32}$



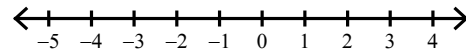
2)  $\frac{9}{2}\left(-\frac{3}{2}m + 1\right) + \frac{29}{7}m \geq \frac{163}{20}$



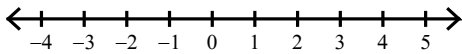
3)  $-\frac{10}{7}\left(6m + \frac{37}{8}\right) + \frac{13}{8}m > -\frac{1588}{49}$



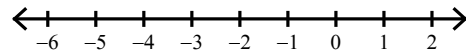
4)  $-\frac{15}{8}\left(\frac{37}{8}n + \frac{17}{5}\right) - \frac{1}{3}n \geq -\frac{3361}{256}$



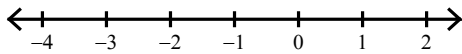
5)  $\frac{33}{20} > \frac{11}{4}\left(-\frac{6}{5}m + 1\right)$



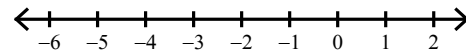
6)  $\frac{1}{2} \geq \frac{11}{6} - \frac{8}{3}\left(\frac{5}{6}x + \frac{5}{3}\right)$



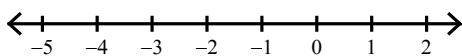
7)  $-2\left(\frac{8}{5}a - \frac{1}{8}\right) < \frac{133}{20}$



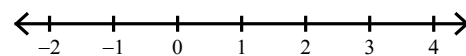
8)  $-5 > 3\left(\frac{4}{3}b + \frac{17}{6}\right)$



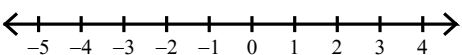
9)  $-\frac{66}{7} > 4\left(\frac{9}{2}n + \frac{3}{2}\right)$



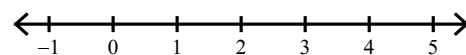
10)  $\frac{43}{6}\left(\frac{7}{2}n + 1\right) + n > \frac{221}{9}$



11)  $\frac{1}{7}\left(x - \frac{11}{6}\right) + \frac{25}{6}x < -\frac{395}{126}$



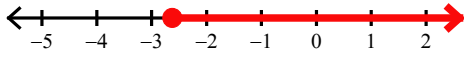
12)  $-\frac{143}{40} \geq \frac{1}{2}\left(-\frac{21}{8}n - 4\right)$



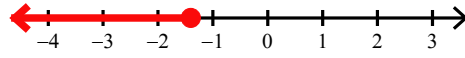
## Assignment

Solve each inequality and graph its solution.

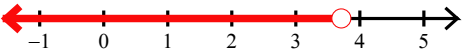
1)  $-2\left(n - \frac{11}{4}\right) - \frac{3}{4}n \leq \frac{407}{32}$



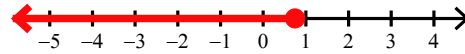
2)  $\frac{9}{2}\left(-\frac{3}{2}m + 1\right) + \frac{29}{7}m \geq \frac{163}{20}$



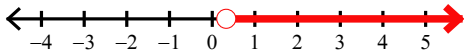
3)  $-\frac{10}{7}\left(6m + \frac{37}{8}\right) + \frac{13}{8}m > -\frac{1588}{49}$



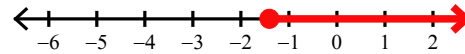
4)  $-\frac{15}{8}\left(\frac{37}{8}n + \frac{17}{5}\right) - \frac{1}{3}n \geq -\frac{3361}{256}$



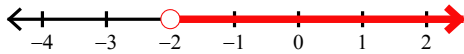
5)  $\frac{33}{20} > \frac{11}{4}\left(-\frac{6}{5}m + 1\right)$



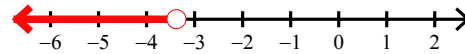
6)  $\frac{1}{2} \geq \frac{11}{6} - \frac{8}{3}\left(\frac{5}{6}x + \frac{5}{3}\right)$



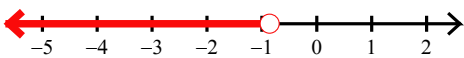
7)  $-2\left(\frac{8}{5}a - \frac{1}{8}\right) < \frac{133}{20}$



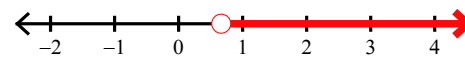
8)  $-5 > 3\left(\frac{4}{3}b + \frac{17}{6}\right)$



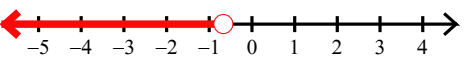
9)  $-\frac{66}{7} > 4\left(\frac{9}{2}n + \frac{3}{2}\right)$



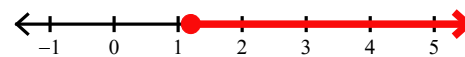
10)  $\frac{43}{6}\left(\frac{7}{2}n + 1\right) + n > \frac{221}{9}$



11)  $\frac{1}{7}\left(x - \frac{11}{6}\right) + \frac{25}{6}x < -\frac{395}{126}$



12)  $-\frac{143}{40} \geq \frac{1}{2}\left(-\frac{21}{8}n - 4\right)$

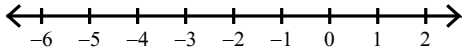


## Assignment

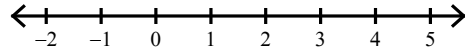
Date \_\_\_\_\_ Period \_\_\_\_\_

**Solve each inequality and graph its solution.**

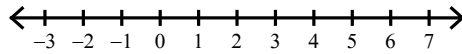
1) 
$$\frac{451}{48} < -\frac{8}{3}\left(\frac{8}{3}k + 1\right) + \frac{7}{4}k$$



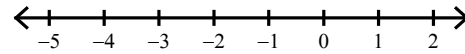
2) 
$$-\frac{7}{2}x - \frac{13}{5}\left(\frac{13}{7}x + \frac{1}{3}\right) \geq -\frac{1091}{48}$$



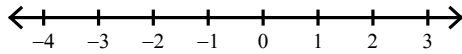
3) 
$$\frac{13}{42} \geq \frac{13}{6}\left(m - \frac{13}{7}\right)$$



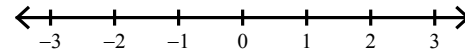
4) 
$$-\frac{731}{288} < -\frac{8}{3}\left(-\frac{11}{4}p - \frac{23}{6}\right) - \frac{13}{4}p$$



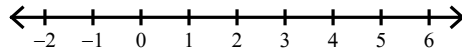
5) 
$$-\frac{791}{24} \geq \frac{35}{8}\left(\frac{14}{3}v - 1\right)$$



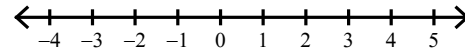
6) 
$$-\frac{1}{5}\left(\frac{18}{5}n - \frac{11}{3}\right) < \frac{109}{75}$$



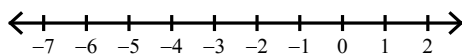
7) 
$$-\frac{37}{63} \geq -\frac{1}{3}\left(\frac{1}{4}n + \frac{10}{7}\right)$$



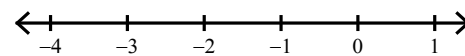
8) 
$$-\frac{5}{4}\left(\frac{11}{7}a + 1\right) - \frac{3}{2} < -\frac{429}{196}$$



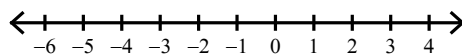
9) 
$$6\left(v - \frac{19}{5}\right) \leq -\frac{209}{5}$$



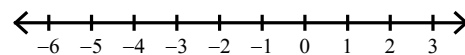
10) 
$$9 > \frac{1}{2}a - \frac{19}{6}\left(\frac{11}{5}a - \frac{4}{5}\right)$$



11) 
$$\frac{5}{8}\left(n - \frac{13}{8}\right) - \frac{2}{3} \geq -\frac{533}{192}$$



12) 
$$-\left(k - \frac{4}{5}\right) \leq \frac{14}{5}$$



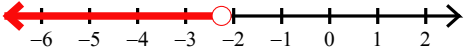
## Assignment

Name \_\_\_\_\_

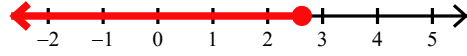
Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each inequality and graph its solution.

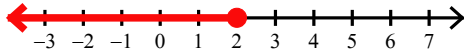
1) 
$$\frac{451}{48} < -\frac{8}{3}\left(\frac{8}{3}k + 1\right) + \frac{7}{4}k$$



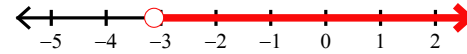
2) 
$$-\frac{7}{2}x - \frac{13}{5}\left(\frac{13}{7}x + \frac{1}{3}\right) \geq -\frac{1091}{48}$$



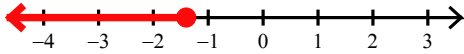
3) 
$$\frac{13}{42} \geq \frac{13}{6}\left(m - \frac{13}{7}\right)$$



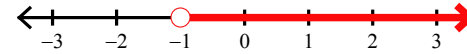
4) 
$$-\frac{731}{288} < -\frac{8}{3}\left(-\frac{11}{4}p - \frac{23}{6}\right) - \frac{13}{4}p$$



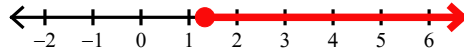
5) 
$$-\frac{791}{24} \geq \frac{35}{8}\left(\frac{14}{3}v - 1\right)$$



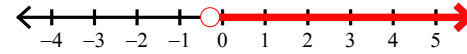
6) 
$$-\frac{1}{5}\left(\frac{18}{5}n - \frac{11}{3}\right) < \frac{109}{75}$$



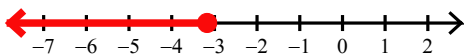
7) 
$$-\frac{37}{63} \geq -\frac{1}{3}\left(\frac{1}{4}n + \frac{10}{7}\right)$$



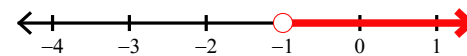
8) 
$$-\frac{5}{4}\left(\frac{11}{7}a + 1\right) - \frac{3}{2} < -\frac{429}{196}$$



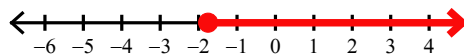
9) 
$$6\left(v - \frac{19}{5}\right) \leq -\frac{209}{5}$$



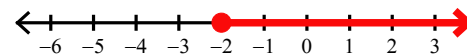
10) 
$$9 > \frac{1}{2}a - \frac{19}{6}\left(\frac{11}{5}a - \frac{4}{5}\right)$$



11) 
$$\frac{5}{8}\left(n - \frac{13}{8}\right) - \frac{2}{3} \geq -\frac{533}{192}$$



12) 
$$-\left(k - \frac{4}{5}\right) \leq \frac{14}{5}$$

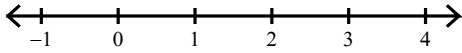


## Assignment

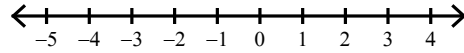
Date \_\_\_\_\_ Period \_\_\_\_\_

**Solve each inequality and graph its solution.**

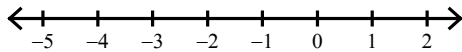
1)  $\frac{1}{8}\left(-\frac{7}{5}x - \frac{19}{6}\right) > -\frac{727}{1200}$



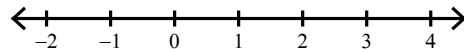
2)  $\frac{3842}{735} \leq \frac{29}{7}p + \frac{16}{5}\left(p - \frac{1}{3}\right)$



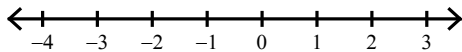
3)  $\frac{313}{120} \geq \frac{2}{3}\left(-\frac{4}{5}p + \frac{1}{3}\right) + \frac{7}{8}$



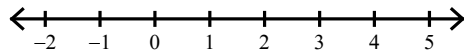
4)  $-\frac{3}{8} < \frac{3}{2}\left(\frac{4}{3}n - \frac{7}{4}\right)$



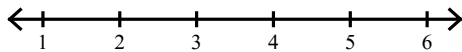
5)  $-3 + \frac{7}{4}\left(-\frac{13}{6}p + \frac{24}{5}\right) > \frac{16}{15}$



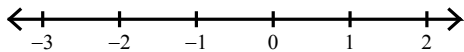
6)  $-\frac{27}{10} > -\frac{3}{2}\left(\frac{3}{2}m + \frac{9}{5}\right)$



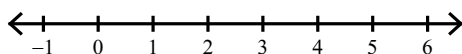
7)  $-\frac{1}{2}\left(-\frac{31}{4}n + \frac{20}{7}\right) > \frac{1793}{112}$



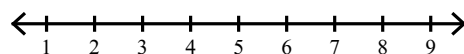
8)  $\frac{21}{5}\left(-\frac{11}{4}v + \frac{1}{3}\right) + \frac{8}{5}v < \frac{44}{3}$



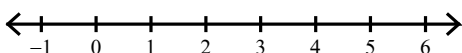
9)  $\frac{2241}{224} > \frac{13}{4}n - \frac{5}{3}\left(\frac{1}{7}n + 1\right)$



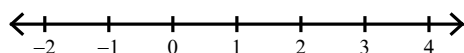
10)  $\frac{77}{5} \geq \frac{7}{6}\left(n + \frac{16}{5}\right) + \frac{7}{4}n$



11)  $-\left(\frac{1}{4}k + \frac{6}{7}\right) \leq -\frac{17}{14}$



12)  $\frac{23}{28} < \frac{2}{7}\left(\frac{5}{2}k + \frac{1}{2}\right) + \frac{6}{7}$

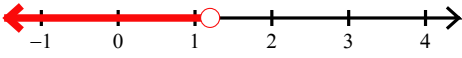


## Assignment

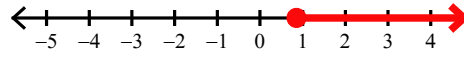
Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each inequality and graph its solution.

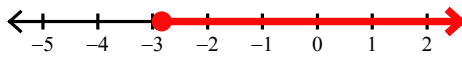
1)  $\frac{1}{8}\left(-\frac{7}{5}x - \frac{19}{6}\right) > -\frac{727}{1200}$



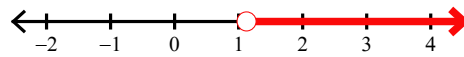
2)  $\frac{3842}{735} \leq \frac{29}{7}p + \frac{16}{5}\left(p - \frac{1}{3}\right)$



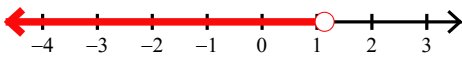
3)  $\frac{313}{120} \geq \frac{2}{3}\left(-\frac{4}{5}p + \frac{1}{3}\right) + \frac{7}{8}$



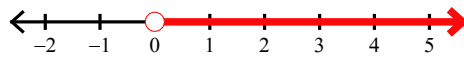
4)  $-\frac{3}{8} < \frac{3}{2}\left(\frac{4}{3}n - \frac{7}{4}\right)$



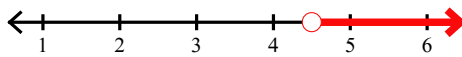
5)  $-3 + \frac{7}{4}\left(-\frac{13}{6}p + \frac{24}{5}\right) > \frac{16}{15}$



6)  $-\frac{27}{10} > -\frac{3}{2}\left(\frac{3}{2}m + \frac{9}{5}\right)$



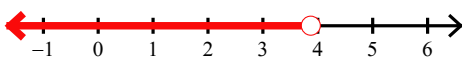
7)  $-\frac{1}{2}\left(-\frac{31}{4}n + \frac{20}{7}\right) > \frac{1793}{112}$



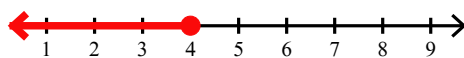
8)  $\frac{21}{5}\left(-\frac{11}{4}v + \frac{1}{3}\right) + \frac{8}{5}v < \frac{44}{3}$



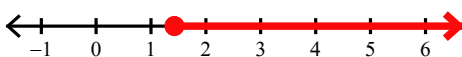
9)  $\frac{2241}{224} > \frac{13}{4}n - \frac{5}{3}\left(\frac{1}{7}n + 1\right)$



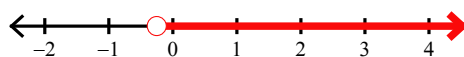
10)  $\frac{77}{5} \geq \frac{7}{6}\left(n + \frac{16}{5}\right) + \frac{7}{4}n$



11)  $-\left(\frac{1}{4}k + \frac{6}{7}\right) \leq -\frac{17}{14}$



12)  $\frac{23}{28} < \frac{2}{7}\left(\frac{5}{2}k + \frac{1}{2}\right) + \frac{6}{7}$



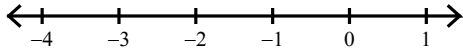


## Assignment

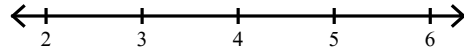
Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each inequality and graph its solution.

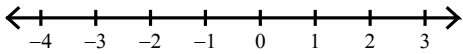
1)  $\frac{11}{960} < \frac{11}{8} \left( \frac{7}{5}v + \frac{15}{8} \right)$



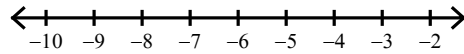
2)  $\frac{26}{3} \geq -\frac{5}{3}p + \frac{23}{7} \left( \frac{15}{8}p - \frac{17}{6} \right)$



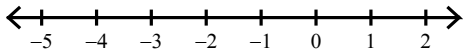
3)  $-\frac{893}{80} \leq \frac{7}{5} - \frac{9}{4} \left( -\frac{11}{3}x + 1 \right)$



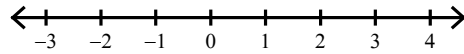
4)  $-\frac{16}{7} \left( \frac{5}{3}n - \frac{1}{6} \right) - \frac{18}{7}n < \frac{226}{7}$



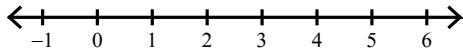
5)  $0 > -\frac{1}{2} \left( x + \frac{1}{6} \right)$



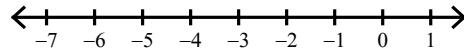
6)  $\frac{26}{7} \left( b - \frac{3}{4} \right) + \frac{9}{4}b \geq -\frac{35}{4}$



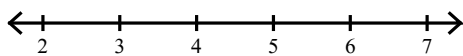
7)  $-\frac{161}{32} > -\frac{31}{8} \left( \frac{3}{4}p + 1 \right) + \frac{7}{4}$



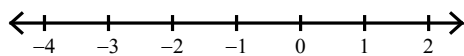
8)  $-\frac{9}{7} \left( n + \frac{8}{5} \right) > \frac{18}{35}$



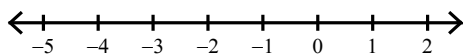
9)  $\frac{17}{4} \leq -\left( -\frac{6}{5}b + 1 \right)$



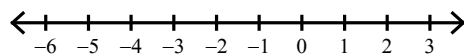
10)  $-\frac{5}{4} \left( x + \frac{22}{7} \right) \leq -\frac{95}{42}$



11)  $\frac{3}{2} \left( -\frac{1}{3}a + \frac{15}{4} \right) < \frac{273}{40}$



12)  $-\frac{37}{6} < -2 \left( -b + \frac{5}{6} \right)$

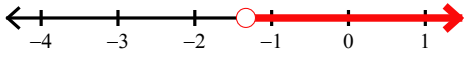


## Assignment

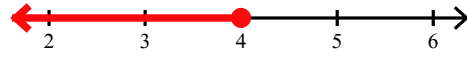
Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each inequality and graph its solution.

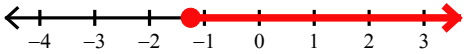
1)  $\frac{11}{960} < \frac{11}{8} \left( \frac{7}{5}v + \frac{15}{8} \right)$



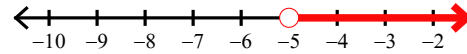
2)  $\frac{26}{3} \geq -\frac{5}{3}p + \frac{23}{7} \left( \frac{15}{8}p - \frac{17}{6} \right)$



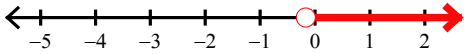
3)  $-\frac{893}{80} \leq \frac{7}{5} - \frac{9}{4} \left( -\frac{11}{3}x + 1 \right)$



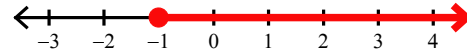
4)  $-\frac{16}{7} \left( \frac{5}{3}n - \frac{1}{6} \right) - \frac{18}{7}n < \frac{226}{7}$



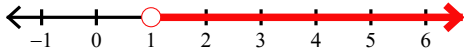
5)  $0 > -\frac{1}{2} \left( x + \frac{1}{6} \right)$



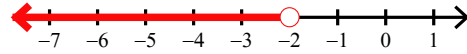
6)  $\frac{26}{7} \left( b - \frac{3}{4} \right) + \frac{9}{4}b \geq -\frac{35}{4}$



7)  $-\frac{161}{32} > -\frac{31}{8} \left( \frac{3}{4}p + 1 \right) + \frac{7}{4}$



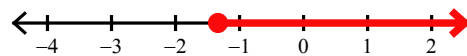
8)  $-\frac{9}{7} \left( n + \frac{8}{5} \right) > \frac{18}{35}$



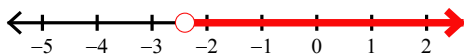
9)  $\frac{17}{4} \leq - \left( -\frac{6}{5}b + 1 \right)$



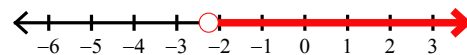
10)  $-\frac{5}{4} \left( x + \frac{22}{7} \right) \leq -\frac{95}{42}$



11)  $\frac{3}{2} \left( -\frac{1}{3}a + \frac{15}{4} \right) < \frac{273}{40}$



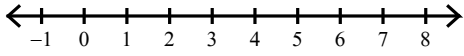
12)  $-\frac{37}{6} < -2 \left( -b + \frac{5}{6} \right)$



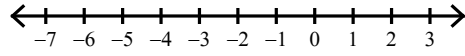
## Assignment

Solve each inequality and graph its solution.

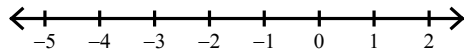
1)  $\frac{649}{32} < -\frac{17}{6}x + \frac{19}{4}\left(\frac{11}{8}x + 1\right)$



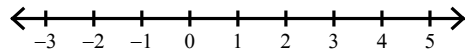
2)  $\frac{8}{7}\left(-3x + \frac{1}{4}\right) > 8$



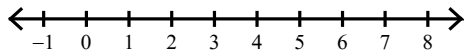
3)  $\frac{33}{10} < \frac{9}{2}\left(\frac{2}{5}m + 1\right)$



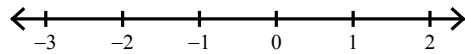
4)  $\frac{4}{3}\left(-\frac{2}{5}x + 1\right) > \frac{4}{3}$



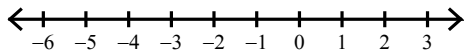
5)  $-\frac{229}{4} < -\frac{15}{4}\left(\frac{17}{4}m + 1\right) - \frac{3}{8}$



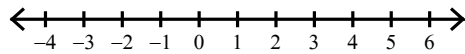
6)  $\frac{23}{7} + \frac{5}{6}\left(x - \frac{3}{8}\right) \geq \frac{929}{336}$



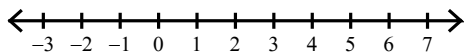
7)  $-\frac{11}{6}\left(x + \frac{19}{4}\right) < -\frac{473}{72}$



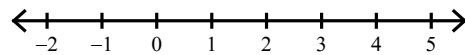
8)  $\frac{1}{5}\left(-\frac{11}{3}x + 1\right) > -\frac{13}{12}$



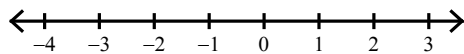
9)  $-\frac{2}{3}\left(\frac{3}{8}k + 1\right) \geq -\frac{7}{6}$



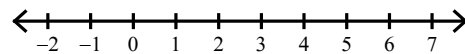
10)  $-\frac{5}{4}\left(-2p - \frac{15}{2}\right) < \frac{565}{56}$



11)  $-\frac{4}{3}\left(-\frac{5}{7}n + \frac{7}{3}\right) > -\frac{166}{63}$



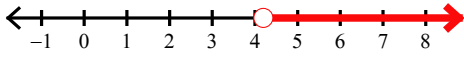
12)  $\frac{11}{8}\left(\frac{5}{2}n + 1\right) \leq \frac{319}{32}$



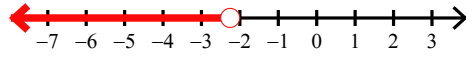
## Assignment

Solve each inequality and graph its solution.

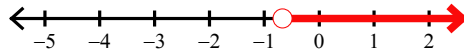
1)  $\frac{649}{32} < -\frac{17}{6}x + \frac{19}{4}\left(\frac{11}{8}x + 1\right)$



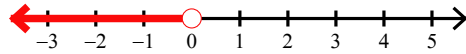
2)  $\frac{8}{7}\left(-3x + \frac{1}{4}\right) > 8$



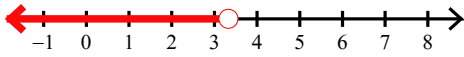
3)  $\frac{33}{10} < \frac{9}{2}\left(\frac{2}{5}m + 1\right)$



4)  $\frac{4}{3}\left(-\frac{2}{5}x + 1\right) > \frac{4}{3}$



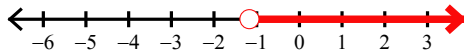
5)  $-\frac{229}{4} < -\frac{15}{4}\left(\frac{17}{4}m + 1\right) - \frac{3}{8}$



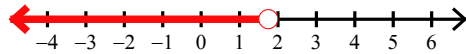
6)  $\frac{23}{7} + \frac{5}{6}\left(x - \frac{3}{8}\right) \geq \frac{929}{336}$



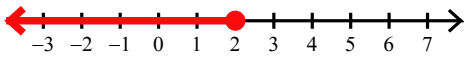
7)  $-\frac{11}{6}\left(x + \frac{19}{4}\right) < -\frac{473}{72}$



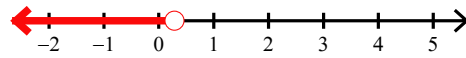
8)  $\frac{1}{5}\left(-\frac{11}{3}x + 1\right) > -\frac{13}{12}$



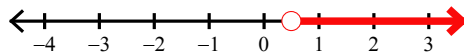
9)  $-\frac{2}{3}\left(\frac{3}{8}k + 1\right) \geq -\frac{7}{6}$



10)  $-\frac{5}{4}\left(-2p - \frac{15}{2}\right) < \frac{565}{56}$



11)  $-\frac{4}{3}\left(-\frac{5}{7}n + \frac{7}{3}\right) > -\frac{166}{63}$



12)  $\frac{11}{8}\left(\frac{5}{2}n + 1\right) \leq \frac{319}{32}$

