Algebra 1   Name_____

Assignment

Date_____ Period_____

Solve each equation.

1) $-11.2 = -2(p + 2.8)$

2) $57.44 = 2(1 - 6.3v)$

3) $-3.8(3.67m - 7.18) = 24.4948$

4) $32.672 = -7.2(3.9a + 1.7) - 4a$

5) $-7.4(1 + 4.469n) = 19.0565$

6) $39.7 = 2(1.6 + 7.3p)$

7) $1.6(x - 6.6) + 1.35 = -2.65$

8) $4.5(5.3 - 5.57x) - 3x = -77.184$

9) $-2.384 = -0.8(6.4m - 1.5)$

10) $73.35 = -0.7 - 5(-1.7 - 6.9n)$

11) $5.7(7.08 + 1.6x) = 58.596$

12) $-1.4(1 - 2n) = 20.72$

13) $-8(1.6a - 4.1) = 73.76$

14) $-13.815 = -4.5(1.3 + 5.5b) - 1.8b$

15) $8.186 = -0.6v - 1.22(v + 0.6)$

16) $6.9(1.3 + 3r) = 35.88$

17) $-66.864 = -5.6(2.5p - 1.5) + 4.2p$

18) $-7.3(5.6n + 4) = -78.256$

19) $-11.388 = 7.8(a - 8)$

20) $-44.504 = -4.164 + 2(3.5b - 5.47)$

21) $6.8(7p - 6) + 7.1p = -55.022$

22) $-80.818 = 1.7(-5.3a - 6.2)$

23) $-3.2(x + 6.6) = -0.64$

24) $1.27(3.95a + 7.7) - 2.3 = 21.0236$

25) $2.4(1 - 6m) = -20.64$

26) $30.2 = 1.6 - 5.5(x - 3.3)$

27) $6.5 + 3.1(-7.1a - 6.2) = 77.521$

28) $-5.4(7.8 - 6v) = -55.08$

29) $5.2(n - 2.7) + 5.4 = -25.28$

30) $-6.7(-5.8 - 6.1v) = -79.663$

31) $65.351 = -5.5(4.7r + 2.688)$

32) $-6.01(b - 0.8) = 34.858$

Algebra 1   Name_____

Assignment

Date_____ Period_____

Solve each equation.

1) $-11.2 = -2(p + 2.8)$

   {2.8}

2) $57.44 = 2(1 - 6.3v)$

   {−4.4}

3) $-3.8(3.67m - 7.18) = 24.4948$

   {0.2}

4) $32.672 = -7.2(3.9a + 1.7) - 4a$

   {−1.4}

5) $-7.4(1 + 4.469n) = 19.0565$

   {−0.8}

6) $39.7 = 2(1.6 + 7.3p)$

   {2.5}

7) $1.6(x - 6.6) + 1.35 = -2.65$

   {4.1}

8) $4.5(5.3 - 5.57x) - 3x = -77.184$

   {3.6}

9) $-2.384 = -0.8(6.4m - 1.5)$

   {0.7}

10) $73.35 = -0.7 - 5(-1.7 - 6.9n)$

   {1.9}

11) $5.7(7.08 + 1.6x) = 58.596$

   {2}

12) $-1.4(1 - 2n) = 20.72$

   {7.9}

13) $-8(1.6a - 4.1) = 73.76$

   {−3.2}

14) $-13.815 = -4.5(1.3 + 5.5b) - 1.8b$

   {0.3}

15) $8.186 = -0.6v - 1.22(v + 0.6)$

   {−4.9}

16) $6.9(1.3 + 3r) = 35.88$

   {1.3}

17) $-66.864 = -5.6(2.5p - 1.5) + 4.2p$

   {7.68}

18) $-7.3(5.6n + 4) = -78.256$

   {1.2}

19) $-11.388 = 7.8(a - 8)$

   {6.54}

20) $-44.504 = -4.164 + 2(3.5b - 5.47)$

   {−4.2}

21) $6.8(7p - 6) + 7.1p = -55.022$

   {−0.26}

22) $-80.818 = 1.7(-5.3a - 6.2)$

   {7.8}

23) $-3.2(x + 6.6) = -0.64$

   {−6.4}

24) $1.27(3.95a + 7.7) - 2.3 = 21.0236$

   {2.7}

25) $2.4(1 - 6m) = -20.64$

   {1.6}

26) $30.2 = 1.6 - 5.5(x - 3.3)$

   {−1.9}

27) $6.5 + 3.1(-7.1a - 6.2) = 77.521$

   {−4.1}

28) $-5.4(7.8 - 6v) = -55.08$

   {−0.4}

29) $5.2(n - 2.7) + 5.4 = -25.28$

   {−3.2}

30) $-6.7(-5.8 - 6.1v) = -79.663$

   {−2.9}

31) $65.351 = -5.5(4.7r + 2.688)$

   {−3.1}

32) $-6.01(b - 0.8) = 34.858$

   {−5}

Algebra 1   Name_____

Assignment   Date_____ Period_____

Solve each equation.

1) $-80.439 = 1.3p + 4.307(-5.6 - 6.84p)$

2) $-4.95 = -3.3(v + 2.9)$

3) $0.3(-3 + 7.4m) = -12.444$

4) $0.5a + 5.916(-2.7 - 2.92a) = -4.2309$

5) $56.72 = -4.3x - 6.1(x - 6.4)$

6) $-6.19(n + 1.6) = 27.855$

7) $2.5(1 - 6.7x) - 0.56x = 28.465$

8) $-8.16 = 1.5(r + 1.56)$

9) $3.8(1 - 0.8b) - 1.1b = 9.8858$

10) $-7.5(-3.8n + 6.5) = 16.8$

11) $75.6 = -6(1 - 2x)$

12) $-0.25(1.2p + 2.1) = -0.705$

13) $2.9(-0.3m + 4) = 7.8851$

14) $-6.3 + 6.9(7a + 1.2) = -51.15$

15) $-23.622 = 3.1(4.8 + 4.6b)$

16) $-8(7.7v - 4.2) = -3.36$

17) $6.6(a + 6.7) + 7.9a = 38.0575$

18) $4.64 = 1.6(x - 3.7)$

19) $-17.0346 = -7.743(-r + 4.9)$

20) $-12.429 = 4.79(x - 4.5) - 3.1x$

21) $30.699 = -7.7(5.3v - 4.5) + 1.3v$

22) $-4.2(-7.7 + 4.647b) = 77.23$

23) $43.85 = -7.3 + 6.6(7.3 - 4.5n)$

24) $-21.436 = 1.6x - 2.6(1.1x + 6.5)$

25) $1.2 - 0.9(x - 7.101) = 7.7709$

26) $-55.8254 = -3.597(4.6x - 1.5)$

27) $-44.7923 = 4.27(4.9n + 4.7)$

28) $4.2(-3.6n - 5.7) = 75.852$

29) $-18.7525 = 2.27(2.3 - 1.79x)$

30) $17.82 = -3.3(k - 6.8)$

31) $-1.89488 = 5.2(1 - 7.58v)$

32) $27.9214 = -7.34(6.5 + 1.61m)$

Algebra 1   Name_____

Assignment

Solve each equation.

1) $-80.439 = 1.3p + 4.307(-5.6 - 6.84p)$

   {2}

2) $-4.95 = -3.3(v + 2.9)$

   {−1.4}

3) $0.3(-3 + 7.4m) = -12.444$

   {−5.2}

4) $0.5a + 5.916(-2.7 - 2.92a) = -4.2309$

   {−0.7}

5) $56.72 = -4.3x - 6.1(x - 6.4)$

   {−1.7}

6) $-6.19(n + 1.6) = 27.855$

   {−6.1}

7) $2.5(1 - 6.7x) - 0.56x = 28.465$

   {−1.5}

8) $-8.16 = 1.5(r + 1.56)$

   {−7}

9) $3.8(1 - 0.8b) - 1.1b = 9.8858$

   {−1.47}

10) $-7.5(-3.8n + 6.5) = 16.8$

   {2.3}

11) $75.6 = -6(1 - 2x)$

   {6.8}

12) $-0.25(1.2p + 2.1) = -0.705$

   {0.6}

13) $2.9(-0.3m + 4) = 7.8851$

   {4.27}

14) $-6.3 + 6.9(7a + 1.2) = -51.15$

   {−1.1}

15) $-23.622 = 3.1(4.8 + 4.6b)$

   {−2.7}

16) $-8(7.7v - 4.2) = -3.36$

   {0.6}

17) $6.6(a + 6.7) + 7.9a = 38.0575$

   {−0.425}

18) $4.64 = 1.6(x - 3.7)$

   {6.6}

19) $-17.0346 = -7.743(-r + 4.9)$

   {2.7}

20) $-12.429 = 4.79(x - 4.5) - 3.1x$

   {5.4}

21) $30.699 = -7.7(5.3v - 4.5) + 1.3v$

   {0.1}

22) $-4.2(-7.7 + 4.647b) = 77.23$

   {−2.3}

23) $43.85 = -7.3 + 6.6(7.3 - 4.5n)$

   {−0.1}

24) $-21.436 = 1.6x - 2.6(1.1x + 6.5)$

   {3.6}

25) $1.2 - 0.9(x - 7.101) = 7.7709$

   {−0.2}

26) $-55.8254 = -3.597(4.6x - 1.5)$

   {3.7}

27) $-44.7923 = 4.27(4.9n + 4.7)$

   {−3.1}

28) $4.2(-3.6n - 5.7) = 75.852$

   {−6.6}

29) $-18.7525 = 2.27(2.3 - 1.79x)$

   {5.9}

30) $17.82 = -3.3(k - 6.8)$

   {1.4}

31) $-1.89488 = 5.2(1 - 7.58v)$

   {0.18}

32) $27.9214 = -7.34(6.5 + 1.61m)$

   {−6.4}

Algebra 1   Name_____

Assignment

Date_____ Period_____

Solve each equation.

1) $-5.1 - 4.5(4.1x + 7.2) = 25.23$

2) $-6.7(3.5x - 6.2) = -33.5$

3) $3.2(x - 5.5) = -26.56$

4) $-56.09 = -7.67(5.6 + 2n) - 2.4$

5) $-5.5(1.7x - 0.9) = -49.28$

6) $1.5(0.6b + 5.2) = 2.148$

7) $1.4(1 + 2.6k) + 4.9k = -66.066$

8) $7.028(0.5 - 2.1n) = -18.6242$

9) $66.9084 = -5.7(1 - 5.655x) - 1.98x$

10) $64.1018 = 6.949(4 + 7.7p) - 6.5$

11) $7.9 - 1.1(n + 6) = 4.083$

12) $4.4(k + 2.4) - 7.6k = -1.92$

13) $-1.8(-2.6 - 6.1n) = -31.554$

14) $15.5771 = 7.7(p + 7.3)$

15) $56.2166 = -2.42(3.7n + 6)$

16) $53.5 = 4.2x + 7.4(x + 7.7)$

17) $5(4.9n - 4.9) = -4.9$

18) $-0.47 = 4.9n + 5.4(-6.51 - 3.7n)$

19) $3.7(5.6m + 0.37) = 73.889$

20) $29.631 = -2.63r + 3.6(7.5r + 6.2)$

21) $-6.751 = -1.9m - 3.9(-0.5 + 2.7m)$

22) $13.2 = 2.2(b - 1.4)$

23) $36.378 = -4.3(0.6k - 5.28)$

24) $2.58 = -0.2(x - 1.7) + 1.3$

25) $5.8x + 0.2(1 + 4.9x) = -3.19$

26) $-3.7(6.1 + 0.42x) + 1.9 = -22.0686$

27) $-7.2(2x + 4.4) = -38.88$

28) $-28.886 = 2.2(6.3 - 6.7x)$

29) $-33.856 = 6.1x + 0.8(5.2 - 0.2x)$

30) $69.832 = 5.8(1 + 4.6n)$

31) $-5.1(2.4n - 6.5) = -47.634$

32) $1.5(3.8x - 4.651) = -41.1765$

Algebra 1   Name_____

Assignment

Date_____ Period_____

Solve each equation.

1) $-5.1 - 4.5(4.1x + 7.2) = 25.23$

   {−3.4}

2) $-6.7(3.5x - 6.2) = -33.5$

   {3.2}

3) $3.2(x - 5.5) = -26.56$

   {−2.8}

4) $-56.09 = -7.67(5.6 + 2n) - 2.4$

   {0.7}

5) $-5.5(1.7x - 0.9) = -49.28$

   {5.8}

6) $1.5(0.6b + 5.2) = 2.148$

   {−6.28}

7) $1.4(1 + 2.6k) + 4.9k = -66.066$

   {−7.9}

8) $7.028(0.5 - 2.1n) = -18.6242$

   {1.5}

9) $66.9084 = -5.7(1 - 5.655x) - 1.98x$

   {2.4}

10) $64.1018 = 6.949(4 + 7.7p) - 6.5$

   {0.8}

11) $7.9 - 1.1(n + 6) = 4.083$

   {−2.53}

12) $4.4(k + 2.4) - 7.6k = -1.92$

   {3.9}

13) $-1.8(-2.6 - 6.1n) = -31.554$

   {−3.3}

14) $15.5771 = 7.7(p + 7.3)$

   {−5.277}

15) $56.2166 = -2.42(3.7n + 6)$

   {−7.9}

16) $53.5 = 4.2x + 7.4(x + 7.7)$

   {−0.3}

17) $5(4.9n - 4.9) = -4.9$

   {0.8}

18) $-0.47 = 4.9n + 5.4(-6.51 - 3.7n)$

   {−2.3}

19) $3.7(5.6m + 0.37) = 73.889$

   {3.5}

20) $29.631 = -2.63r + 3.6(7.5r + 6.2)$

   {0.3}

21) $-6.751 = -1.9m - 3.9(-0.5 + 2.7m)$

   {0.7}

22) $13.2 = 2.2(b - 1.4)$

   {7.4}

23) $36.378 = -4.3(0.6k - 5.28)$

   {−5.3}

24) $2.58 = -0.2(x - 1.7) + 1.3$

   {−4.7}

25) $5.8x + 0.2(1 + 4.9x) = -3.19$

   {−0.5}

26) $-3.7(6.1 + 0.42x) + 1.9 = -22.0686$

   {0.9}

27) $-7.2(2x + 4.4) = -38.88$

   {0.5}

28) $-28.886 = 2.2(6.3 - 6.7x)$

   {2.9}

29) $-33.856 = 6.1x + 0.8(5.2 - 0.2x)$

   {−6.4}

30) $69.832 = 5.8(1 + 4.6n)$

   {2.4}

31) $-5.1(2.4n - 6.5) = -47.634$

   {6.6}

32) $1.5(3.8x - 4.651) = -41.1765$

   {−6}

Algebra 1   Name_____

Assignment

Date_____ Period_____

Solve each equation.

1) $-6.9(-2.1 - 5.2r) = -68.034$

2) $4.6(3.8 + 0.4r) - 3.1r = 7.4$

3) $-5 - 4.7(1 + 5.17x) = 65.6269$

4) $4.5(2.28 - 0.3m) = 16.335$

5) $10.7037 = -6.448(1 - 3.8x)$

6) $-0.6(-6.6b + 7.1) = -32.376$

7) $-2(5.3n + 4.1) = -79.22$

8) $-38.048 = 3.2(6.2 - 6.7n)$

9) $7.4(3.2x + 6.4) = -68.672$

10) $0.7(1 - 6.8b) = 9.8392$

11) $60.438 = -2.1(1.6 + 6.2p)$

12) $1.3(3.985 - 4.2r) = 31.9345$

13) $6.7(1.4 - 2.78x) = 42.9068$

14) $1 - 1.5(1 + 6.4r) = 46.54$

15) $-1.387(2.43n - 0.3) = 24.6831$

16) $-57.392 = -6.982(6.9 - 3.3m)$

17) $6.3(-5.7p + 1.9) = 49.6755$

18) $-0.9(-5.083x + 1.8) = 26.2857$

19) $-43.5 = 7.5(x - 5)$

20) $-5.202 = 1.7(2.4a + 7.5)$

21) $-49.758 = -5.8(4.3x - 3.1) - 5.85x$

22) $-47.63 = -2.2(0.2 + 3.3m)$

23) $-71.896 = 4(-2.14m - 7.3) - 7.6$

24) $-3.336a - 6.7(2.2 + 0.5a) = -48.5712$

25) $-5.741 = -(2.5r - 3.159)$

26) $-0.4(0.9 + 1.59n) = -1.314$

27) $3.42 = 3.8(n - 6.2)$

28) $-79.59 = 7(-3.8k - 0.73)$

29) $-4.1(n + 1.9) = -20.91$

30) $-4.6(1 - 1.66b) = -57.2884$

31) $30.9848 = 5.6(6.333 - 0.4b)$

32) $58.942 = -7.3(2.6 - 6.3n) - 2.7n$

Algebra 1   Name_____

Assignment

Date_____ Period_____

Solve each equation.

1) $-6.9(-2.1 - 5.2r) = -68.034$

   {−2.3}

2) $4.6(3.8 + 0.4r) - 3.1r = 7.4$

   {8}

3) $-5 - 4.7(1 + 5.17x) = 65.6269$

   {−3.1}

4) $4.5(2.28 - 0.3m) = 16.335$

   {−4.5}

5) $10.7037 = -6.448(1 - 3.8x)$

   {0.7}

6) $-0.6(-6.6b + 7.1) = -32.376$

   {−7.1}

7) $-2(5.3n + 4.1) = -79.22$

   {6.7}

8) $-38.048 = 3.2(6.2 - 6.7n)$

   {2.7}

9) $7.4(3.2x + 6.4) = -68.672$

   {−4.9}

10) $0.7(1 - 6.8b) = 9.8392$

   {−1.92}

11) $60.438 = -2.1(1.6 + 6.2p)$

   {−4.9}

12) $1.3(3.985 - 4.2r) = 31.9345$

   {−4.9}

13) $6.7(1.4 - 2.78x) = 42.9068$

   {−1.8}

14) $1 - 1.5(1 + 6.4r) = 46.54$

   {−4.9}

15) $-1.387(2.43n - 0.3) = 24.6831$

   {−7.2}

16) $-57.392 = -6.982(6.9 - 3.3m)$

   {−0.4}

17) $6.3(-5.7p + 1.9) = 49.6755$

   {−1.05}

18) $-0.9(-5.083x + 1.8) = 26.2857$

   {6.1}

19) $-43.5 = 7.5(x - 5)$

   {−0.8}

20) $-5.202 = 1.7(2.4a + 7.5)$

   {−4.4}

21) $-49.758 = -5.8(4.3x - 3.1) - 5.85x$

   {2.2}

22) $-47.63 = -2.2(0.2 + 3.3m)$

   {6.5}

23) $-71.896 = 4(-2.14m - 7.3) - 7.6$

   {4.1}

24) $-3.336a - 6.7(2.2 + 0.5a) = -48.5712$

   {5.06}

25) $-5.741 = -(2.5r - 3.159)$

   {3.56}

26) $-0.4(0.9 + 1.59n) = -1.314$

   {1.5}

27) $3.42 = 3.8(n - 6.2)$

   {7.1}

28) $-79.59 = 7(-3.8k - 0.73)$

   {2.8}

29) $-4.1(n + 1.9) = -20.91$

   {3.2}

30) $-4.6(1 - 1.66b) = -57.2884$

   {−6.9}

31) $30.9848 = 5.6(6.333 - 0.4b)$

   {2}

32) $58.942 = -7.3(2.6 - 6.3n) - 2.7n$

   {1.8}

Algebra 1   Name_____

Assignment

Date_____ Period_____

Solve each equation.

1) $-7.6(1 - 2.6x) + 1.5 = -55.5$

2) $-1.4(1.4m + 4) = 8.12$

3) $2(5.1x - 4.8) = -39.18$

4) $7(1 + 7.5v) = -3.5$

5) $3.9(-5.6x - 7.93) = -0.39468$

6) $-67.048 = 2.9(1 - 6.7m)$

7) $3.21(b + 4) - 1.3b = 5.9067$

8) $24.552 = 6.2(2.4 - 0.4n)$

9) $6.21(6.1r - 1.7) = 23.5359$

10) $2.74 = -(1 + 3.4k)$

11) $2.7(-3.9k + 6.3) = -29.322$

12) $-4.7 + 2.6(x + 1.7) = 16.1$

13) $-44.57 = 5.7(p - 7.8) - 5.8p$

14) $-30.012 = -3.8p - 6.3(6.7p - 4)$

15) $-39.55 = -2.5(1 + 7.8p)$

16) $60.836 = -5.8 - 5.4(1 - 5.8m)$

17) $5.1(a - 2.495) = -44.8545$

18) $-21.3969 = -6.23(0.7n - 1)$

19) $-73.602 = -2.7(7.5x - 7.99)$

20) $-7.21434 = 4.2(-6.7x + 0.5)$

21) $-45.136 = -6.2(7.2 + 0.8a)$

22) $-6.6(5n + 8) - 7.1n = 31.41$

23) $20.9 = 5.5(-5.6x + 6.6)$

24) $3.6(x + 0.7) = -17.64$

25) $6.7(3.4 + 4.65x) = -70.685$

26) $50.078 = 0.7k - 6.8(2.7k + 6.4)$

27) $62.0506 = -3(3.28x + 1.404)$

28) $-15.13 = 1.7(n - 7.3)$

29) $-14.4 = 6.9(p - 1.2) - 5.7p$

30) $65.52 = 2.6(3x + 3)$

31) $-13.725 = -5.09(1 + 2.09x) + 6.9x$

32) $-28.05 = -0.4(v - 6.2) - 6.7v$

Algebra 1   Name_____

Assignment
                                          Date_____ Period_____

Solve each equation.

1) $-7.6(1 - 2.6x) + 1.5 = -55.5$

$\{-2.5\}$

2) $-1.4(1.4m + 4) = 8.12$

$\{-7\}$

3) $2(5.1x - 4.8) = -39.18$

$\{-2.9\}$

4) $7(1 + 7.5v) = -3.5$

$\{-0.2\}$

5) $3.9(-5.6x - 7.93) = -0.39468$

$\{-1.398\}$

6) $-67.048 = 2.9(1 - 6.7m)$

$\{3.6\}$

7) $3.21(b + 4) - 1.3b = 5.9067$

$\{-3.63\}$

8) $24.552 = 6.2(2.4 - 0.4n)$

$\{-3.9\}$

9) $6.21(6.1r - 1.7) = 23.5359$

$\{0.9\}$

10) $2.74 = -(1 + 3.4k)$

$\{-1.1\}$

11) $2.7(-3.9k + 6.3) = -29.322$

$\{4.4\}$

12) $-4.7 + 2.6(x + 1.7) = 16.1$

$\{6.3\}$

13) $-44.57 = 5.7(p - 7.8) - 5.8p$

$\{1.1\}$

14) $-30.012 = -3.8p - 6.3(6.7p - 4)$

$\{1.2\}$

15) $-39.55 = -2.5(1 + 7.8p)$

$\{1.9\}$

16) $60.836 = -5.8 - 5.4(1 - 5.8m)$

$\{2.3\}$

17) $5.1(a - 2.495) = -44.8545$

$\{-6.3\}$

18) $-21.3969 = -6.23(0.7n - 1)$

$\{6.335\}$

19) $-73.602 = -2.7(7.5x - 7.99)$

$\{4.7\}$

20) $-7.21434 = 4.2(-6.7x + 0.5)$

$\{0.331\}$

21) $-45.136 = -6.2(7.2 + 0.8a)$

$\{0.1\}$

22) $-6.6(5n + 8) - 7.1n = 31.41$

$\{-2.1\}$

23) $20.9 = 5.5(-5.6x + 6.6)$

$\{0.5\}$

24) $3.6(x + 0.7) = -17.64$

$\{-5.6\}$

25) $6.7(3.4 + 4.65x) = -70.685$

$\{-3\}$

26) $50.078 = 0.7k - 6.8(2.7k + 6.4)$

$\{-5.3\}$

27) $62.0506 = -3(3.28x + 1.404)$

$\{-6.734\}$

28) $-15.13 = 1.7(n - 7.3)$

$\{-1.6\}$

29) $-14.4 = 6.9(p - 1.2) - 5.7p$

$\{-5.1\}$

30) $65.52 = 2.6(3x + 3)$

$\{7.4\}$

31) $-13.725 = -5.09(1 + 2.09x) + 6.9x$

$\{2.31\}$

32) $-28.05 = -0.4(v - 6.2) - 6.7v$

$\{4.3\}$

Algebra 1   Name_____

Assignment

Date_____ Period____

Solve each equation.

1) $-5.2(-3.8p - 6.9) + 6.3p = 59.334$

2) $-6.7(0.4 - 7.1v) - 6.5 = 66.932$

3) $-2.159 = -0.1(1 - 7.1x)$

4) $-63.5852 = 7.8x - 7.638(-5.4 + 6.3x)$

5) $34.68 = -4.8n + 6(n + 4.4)$

6) $0.288(5.4r + 3.8) = -0.30528$

7) $69.35 = -7.3(n - 7.1)$

8) $-4.8 + 3.7(-0.1 + 2.6x) = -36.916$

9) $-1.9(6.1b - 6) = 60.078$

10) $0.7(x + 2.8) = -0.28$

11) $-44.786 = -5.7(1.4n + 2.8) + 3.01n$

12) $-1.5(-6.7p - 5.3) = 11.97$

13) $14.2088 = -3.1(2.3x + 5.3) - 0.7x$

14) $-1.4(7.6 - r) = -17.22$

15) $4.7(4.9x - 6.43) - 6.9x = 76.237$

16) $-13.5355 = 5.5(-1.7 - 7.61a)$

17) $-0.5(6.6 + 2x) = -4.8$

18) $5.6(1.7 + 7.7n) = 57.8144$

19) $-6.4(5.5 - 2x) = 14.72$

20) $-64.32 = 6.7(3.6 + 3a)$

21) $-23.58 = 3.5(3.4x + 6.4) - 7.9$

22) $-34.2376 = -3.148(3.2 - 7.6b)$

23) $-3.3(4n - 7.6) = -16.368$

24) $-6.8(4.5a + 3.3) = -7.14$

25) $-3.1(1 + 2.8x) = 16.864$

26) $6.7(n + 1.2) = -21.44$

27) $-7.4(3a - 4.1) = 74.74$

28) $41.4691 = 0.29 - 6.38(6.9b + 5.8)$

29) $-3.64(6.114v - 2.9) = 75.0954$

30) $1.4(-2.2a - 3.2) - 2.7a = -33.38$

31) $-9.3702 = 2.3(2.8b - 1.274)$

32) $6.2(-4.5 + 4.5n) = 66.96$

Algebra 1   Name_____

Assignment

Date_____ Period____

Solve each equation.

1) $-5.2(-3.8p - 6.9) + 6.3p = 59.334$

    {0.9}

2) $-6.7(0.4 - 7.1v) - 6.5 = 66.932$

    {1.6}

3) $-2.159 = -0.1(1 - 7.1x)$

    {−2.9}

4) $-63.5852 = 7.8x - 7.638(-5.4 + 6.3x)$

    {2.6}

5) $34.68 = -4.8n + 6(n + 4.4)$

    {6.9}

6) $0.288(5.4r + 3.8) = -0.30528$

    {−0.9}

7) $69.35 = -7.3(n - 7.1)$

    {−2.4}

8) $-4.8 + 3.7(-0.1 + 2.6x) = -36.916$

    {−3.3}

9) $-1.9(6.1b - 6) = 60.078$

    {−4.2}

10) $0.7(x + 2.8) = -0.28$

    {−3.2}

11) $-44.786 = -5.7(1.4n + 2.8) + 3.01n$

    {5.8}

12) $-1.5(-6.7p - 5.3) = 11.97$

    {0.4}

13) $14.2088 = -3.1(2.3x + 5.3) - 0.7x$

    {−3.913}

14) $-1.4(7.6 - r) = -17.22$

    {−4.7}

15) $4.7(4.9x - 6.43) - 6.9x = 76.237$

    {6.6}

16) $-13.5355 = 5.5(-1.7 - 7.61a)$

    {0.1}

17) $-0.5(6.6 + 2x) = -4.8$

    {1.5}

18) $5.6(1.7 + 7.7n) = 57.8144$

    {1.12}

19) $-6.4(5.5 - 2x) = 14.72$

    {3.9}

20) $-64.32 = 6.7(3.6 + 3a)$

    {−4.4}

21) $-23.58 = 3.5(3.4x + 6.4) - 7.9$

    {−3.2}

22) $-34.2376 = -3.148(3.2 - 7.6b)$

    {−1.01}

23) $-3.3(4n - 7.6) = -16.368$

    {3.14}

24) $-6.8(4.5a + 3.3) = -7.14$

    {−0.5}

25) $-3.1(1 + 2.8x) = 16.864$

    {−2.3}

26) $6.7(n + 1.2) = -21.44$

    {−4.4}

27) $-7.4(3a - 4.1) = 74.74$

    {−2}

28) $41.4691 = 0.29 - 6.38(6.9b + 5.8)$

    {−1.776}

29) $-3.64(6.114v - 2.9) = 75.0954$

    {−2.9}

30) $1.4(-2.2a - 3.2) - 2.7a = -33.38$

    {5}

31) $-9.3702 = 2.3(2.8b - 1.274)$

    {−1}

32) $6.2(-4.5 + 4.5n) = 66.96$

    {3.4}

Algebra 1   Name_____

Assignment

Date_____ Period_____

Solve each equation.

1) $80.16 = 6(-2.7 - 7.3n)$

2) $1.59 = 5.3(n + 3.5)$

3) $59.237 = -3.7(1 + 2.7x)$

4) $39.0626 = -3.4(-6.3k + 1.3)$

5) $7.1(3.1n - 7.1) = 57.439$

6) $-5(-2.5 + 0.3k) - 6.8k = -27.34$

7) $-4.8(5.7n - 6.2) + 1.6 = 58.72$

8) $4.8(x + 0.41) = 16.848$

9) $-24.15 = 6.9(x - 7.1)$

10) $-4.4(0.3 - 4.2m) = -33.1056$

11) $-33.6 = 8(m - 3.6)$

12) $-7.6(6.1k - 0.3) = -25.536$

13) $-4.32 = -0.9(n + 7.2)$

14) $-7.9(1 + 6.54x) = -23.3998$

15) $60.408 = 3.6(-7.4 + 3.1v)$

16) $55.9565 = -3.8(1.3 + 5.8b)$

17) $0.449 = 0.1(1.9m + 4.3)$

18) $-0.3(1 + 2.79k) - 2.2 = -5.4295$

19) $1.9 + 7.6(-0.3n - 3.9) = -29.564$

20) $7.56 = -5.4(x + 5.1)$

21) $-6.42(1 - 6.4n) = -31.0728$

22) $-3.912 = -4.6 - 0.2(0.6n - 7.4)$

23) $6.2(p - 4.881) + 5 = -68.0422$

24) $-2.6(-0.7x - 4.7) - 5.9 = 1.042$

25) $-2.4(1 + 2.4v) = -27.168$

26) $3.114 = -0.9(2 + 1.3n)$

27) $0.6a + 4.8(1 - 2a) = -34.8$

28) $-16.1636 = -7.329 - 6.7(-1.402x + 2.3)$

29) $14.144 = -5.2x + 0.8(-4.3x - 1.76)$

30) $-30.75 = 3.5k - 5.2(k + 4.9)$

31) $5.33488 = 0.4(1 - 6.854v)$

32) $-26.398 = -6.7(7.4v + 3.2)$

Algebra 1   Name_____

Assignment

Date_____ Period_____

Solve each equation.

1) $80.16 = 6(-2.7 - 7.3n)$

$\{-2.2\}$

2) $1.59 = 5.3(n + 3.5)$

$\{-3.2\}$

3) $59.237 = -3.7(1 + 2.7x)$

$\{-6.3\}$

4) $39.0626 = -3.4(-6.3k + 1.3)$

$\{2.03\}$

5) $7.1(3.1n - 7.1) = 57.439$

$\{4.9\}$

6) $-5(-2.5 + 0.3k) - 6.8k = -27.34$

$\{4.8\}$

7) $-4.8(5.7n - 6.2) + 1.6 = 58.72$

$\{-1\}$

8) $4.8(x + 0.41) = 16.848$

$\{3.1\}$

9) $-24.15 = 6.9(x - 7.1)$

$\{3.6\}$

10) $-4.4(0.3 - 4.2m) = -33.1056$

$\{-1.72\}$

11) $-33.6 = 8(m - 3.6)$

$\{-0.6\}$

12) $-7.6(6.1k - 0.3) = -25.536$

$\{0.6\}$

13) $-4.32 = -0.9(n + 7.2)$

$\{-2.4\}$

14) $-7.9(1 + 6.54x) = -23.3998$

$\{0.3\}$

15) $60.408 = 3.6(-7.4 + 3.1v)$

$\{7.8\}$

16) $55.9565 = -3.8(1.3 + 5.8b)$

$\{-2.763\}$

17) $0.449 = 0.1(1.9m + 4.3)$

$\{0.1\}$

18) $-0.3(1 + 2.79k) - 2.2 = -5.4295$

$\{3.5\}$

19) $1.9 + 7.6(-0.3n - 3.9) = -29.564$

$\{0.8\}$

20) $7.56 = -5.4(x + 5.1)$

$\{-6.5\}$

21) $-6.42(1 - 6.4n) = -31.0728$

$\{-0.6\}$

22) $-3.912 = -4.6 - 0.2(0.6n - 7.4)$

$\{6.6\}$

23) $6.2(p - 4.881) + 5 = -68.0422$

$\{-6.9\}$

24) $-2.6(-0.7x - 4.7) - 5.9 = 1.042$

$\{-2.9\}$

25) $-2.4(1 + 2.4v) = -27.168$

$\{4.3\}$

26) $3.114 = -0.9(2 + 1.3n)$

$\{-4.2\}$

27) $0.6a + 4.8(1 - 2a) = -34.8$

$\{4.4\}$

28) $-16.1636 = -7.329 - 6.7(-1.402x + 2.3)$

$\{0.7\}$

29) $14.144 = -5.2x + 0.8(-4.3x - 1.76)$

$\{-1.8\}$

30) $-30.75 = 3.5k - 5.2(k + 4.9)$

$\{3.1\}$

31) $5.33488 = 0.4(1 - 6.854v)$

$\{-1.8\}$

32) $-26.398 = -6.7(7.4v + 3.2)$

$\{0.1\}$

Algebra 1   Name_____

Assignment   Date_____ Period_____

Solve each equation.

1) $-73.12 = 4(1 + 3.6p) - 0.8$

2) $4.5x + 6.7(4.4x - 4.2) = 80.596$

3) $-1.7(x + 1.11) = 4.233$

4) $0.4(4.2 - 6.8v) + 1.8 = 13.816$

5) $44.35 = -5.6 - 7.4(1 + 2.5x)$

6) $2.5(5.2 + 5.9r) - 2.14r = -21.047$

7) $72.96 = -6.4(n - 6.8)$

8) $6.0705 = 1.71(1 + 1.7x)$

9) $-6.6 + 4.1(1 + 1.7n) = -16.44$

10) $7.5n - 4.2(n - 6.9) = 29.97$

11) $-4.49(6.4x + 7.3) - 0.96x = -35.7466$

12) $1.2(1 - 5.7n) = -9.744$

13) $-15.678 = -6.7(2.2v + 7.4)$

14) $0.06(-0.7n + 4.8) + 4 = 4.3258$

15) $-4.4(5.2 - 7.3x) - 5.5x = 33.5544$

16) $3.4(1 - 5.1x) = -50.354$

17) $6.8(3.6x - 1.7) = -62.1357$

18) $7.35 = -3.5(k + 4.3)$

19) $3.2(1 + 4.94n) = 34.816$

20) $55 = 2.2(5.3p - 6.8)$

21) $-5.2(-1.9 + 8x) = -35.048$

22) $5.3(1 - 2n) + 6 = 70.66$

23) $-1.3(-4.3x - 1.8) = 43.8737$

24) $5.8 + 3.9(6.1 + 6.7v) = 76.624$

25) $-1.4(1 - 7.5b) = 1.75$

26) $0.3(5.6n + 7.5) = 0.402$

27) $-2.6992 = 1.9n - 1.3(1 + 1.91n)$

28) $8(4.2p - 5.2) = -19.9952$

29) $-8.9406 = 0.9(3.8 - 2.1x)$

30) $5.2(r + 5.6) = 33.1604$

31) $3.819 = 6.7(p - 7.33)$

32) $56.082 = -7.8(m - 3.69)$

Algebra 1   Name_____

Assignment
                                                   Date_____ Period_____

Solve each equation.

1) $-73.12 = 4(1 + 3.6p) - 0.8$

   $\{-5.3\}$

2) $4.5x + 6.7(4.4x - 4.2) = 80.596$

   $\{3.2\}$

3) $-1.7(x + 1.11) = 4.233$

   $\{-3.6\}$

4) $0.4(4.2 - 6.8v) + 1.8 = 13.816$

   $\{-3.8\}$

5) $44.35 = -5.6 - 7.4(1 + 2.5x)$

   $\{-3.1\}$

6) $2.5(5.2 + 5.9r) - 2.14r = -21.047$

   $\{-2.7\}$

7) $72.96 = -6.4(n - 6.8)$

   $\{-4.6\}$

8) $6.0705 = 1.71(1 + 1.7x)$

   $\{1.5\}$

9) $-6.6 + 4.1(1 + 1.7n) = -16.44$

   $\{-2\}$

10) $7.5n - 4.2(n - 6.9) = 29.97$

    $\{0.3\}$

11) $-4.49(6.4x + 7.3) - 0.96x = -35.7466$

    $\{0.1\}$

12) $1.2(1 - 5.7n) = -9.744$

    $\{1.6\}$

13) $-15.678 = -6.7(2.2v + 7.4)$

    $\{-2.3\}$

14) $0.06(-0.7n + 4.8) + 4 = 4.3258$

    $\{-0.9\}$

15) $-4.4(5.2 - 7.3x) - 5.5x = 33.5544$

    $\{2.12\}$

16) $3.4(1 - 5.1x) = -50.354$

    $\{3.1\}$

17) $6.8(3.6x - 1.7) = -62.1357$

    $\{-2.066\}$

18) $7.35 = -3.5(k + 4.3)$

    $\{-6.4\}$

19) $3.2(1 + 4.94n) = 34.816$

    $\{2\}$

20) $55 = 2.2(5.3p - 6.8)$

    $\{6\}$

21) $-5.2(-1.9 + 8x) = -35.048$

    $\{1.08\}$

22) $5.3(1 - 2n) + 6 = 70.66$

    $\{-5.6\}$

23) $-1.3(-4.3x - 1.8) = 43.8737$

    $\{7.43\}$

24) $5.8 + 3.9(6.1 + 6.7v) = 76.624$

    $\{1.8\}$

25) $-1.4(1 - 7.5b) = 1.75$

    $\{0.3\}$

26) $0.3(5.6n + 7.5) = 0.402$

    $\{-1.1\}$

27) $-2.6992 = 1.9n - 1.3(1 + 1.91n)$

    $\{2.4\}$

28) $8(4.2p - 5.2) = -19.9952$

    $\{0.643\}$

29) $-8.9406 = 0.9(3.8 - 2.1x)$

    $\{6.54\}$

30) $5.2(r + 5.6) = 33.1604$

    $\{0.777\}$

31) $3.819 = 6.7(p - 7.33)$

    $\{7.9\}$

32) $56.082 = -7.8(m - 3.69)$

    $\{-3.5\}$

Algebra 1   Name_____

Assignment

Date_____ Period_____

Solve each equation.

1) $-1.1832 = -2.3(-5.24a + 2.1) - 7.2$

2) $-13.944 = -1.2(5.5 + 5.1v)$

3) $-70.06 = 6.2(3.9 - 8k)$

4) $-3.4 - 6.6(1 - 4.2n) = 17.72$

5) $-28.224 = -2.8b - 7.2(0.3b + 3.3)$

6) $3.3(-2.4n - 4.5) = 35.046$

7) $-16.328 = 2.6(1 - 1.3m)$

8) $5.2(4.6 + 7.848r) = -49.5373$

9) $5.9x + 1.5(3.27x - 4.54) = 7.2365$

10) $-0.4n + 1.49(5.1 + 0.729n) = 7.66762$

11) $4.2(1 + 6.2r) - 1.6r = -39.792$

12) $5.6(5.9k + 7.55) = 2.632$

13) $-49.6575 = 6.1 + 6.9(4.5 - 2.4k)$

14) $36.1 = 3(4.7 + 2.9m) + 2.3m$

15) $-5.7(6.3 - 2.2k) = 28.044$

16) $-8.2 = 2(v - 2)$

17) $1.7(7.85x + 7.3) = -7.6075$

18) $-59.1 = 3.7r + 3.9(r - 5.8)$

19) $-3.32 = -0.8(7.5a + 6.9) + 7.1a$

20) $4.774(-7.8v + 7) - 2.2v = -25.7378$

21) $78.936 = 4.4(3.2b - 0.3)$

22) $24.614 = 6.2(1 - 0.9p)$

23) $-0.1(k - 5.1) - 3.1 = -2.35$

24) $38.97 = -2.5a - 2.4(a - 4.6)$

25) $7.3(1.7r - 0.5) = 50.954$

26) $-0.9(7.2n + 0.4) = 51.48$

27) $75.9 = -6.9(-7.4 - 6p)$

28) $-6.2(7.62m - 7.5) = 55.9488$

29) $20.303 = 7.9(x + 6.57)$

30) $32.032 = 7.7(4.7k + 5.1)$

31) $12.604 = 1.096(p + 3.8)$

32) $-6.4 + 2.4(2.128 + 2.4a) = 14.2592$

Algebra 1   Name_____

Assignment

Date_____ Period_____

Solve each equation.

1) $-1.1832 = -2.3(-5.24a + 2.1) - 7.2$
   {0.9}

2) $-13.944 = -1.2(5.5 + 5.1v)$
   {1.2}

3) $-70.06 = 6.2(3.9 - 8k)$
   {1.9}

4) $-3.4 - 6.6(1 - 4.2n) = 17.72$
   {1}

5) $-28.224 = -2.8b - 7.2(0.3b + 3.3)$
   {0.9}

6) $3.3(-2.4n - 4.5) = 35.046$
   {−6.3}

7) $-16.328 = 2.6(1 - 1.3m)$
   {5.6}

8) $5.2(4.6 + 7.848r) = -49.5373$
   {−1.8}

9) $5.9x + 1.5(3.27x - 4.54) = 7.2365$
   {1.3}

10) $-0.4n + 1.49(5.1 + 0.729n) = 7.66762$
    {0.1}

11) $4.2(1 + 6.2r) - 1.6r = -39.792$
    {−1.8}

12) $5.6(5.9k + 7.55) = 2.632$
    {−1.2}

13) $-49.6575 = 6.1 + 6.9(4.5 - 2.4k)$
    {5.242}

14) $36.1 = 3(4.7 + 2.9m) + 2.3m$
    {2}

15) $-5.7(6.3 - 2.2k) = 28.044$
    {5.1}

16) $-8.2 = 2(v - 2)$
    {−2.1}

17) $1.7(7.85x + 7.3) = -7.6075$
    {−1.5}

18) $-59.1 = 3.7r + 3.9(r - 5.8)$
    {−4.8}

19) $-3.32 = -0.8(7.5a + 6.9) + 7.1a$
    {2}

20) $4.774(-7.8v + 7) - 2.2v = -25.7378$
    {1.5}

21) $78.936 = 4.4(3.2b - 0.3)$
    {5.7}

22) $24.614 = 6.2(1 - 0.9p)$
    {−3.3}

23) $-0.1(k - 5.1) - 3.1 = -2.35$
    {−2.4}

24) $38.97 = -2.5a - 2.4(a - 4.6)$
    {−5.7}

25) $7.3(1.7r - 0.5) = 50.954$
    {4.4}

26) $-0.9(7.2n + 0.4) = 51.48$
    {−8}

27) $75.9 = -6.9(-7.4 - 6p)$
    {0.6}

28) $-6.2(7.62m - 7.5) = 55.9488$
    {−0.2}

29) $20.303 = 7.9(x + 6.57)$
    {−4}

30) $32.032 = 7.7(4.7k + 5.1)$
    {−0.2}

31) $12.604 = 1.096(p + 3.8)$
    {7.7}

32) $-6.4 + 2.4(2.128 + 2.4a) = 14.2592$
    {2.7}

Algebra 1   Name_____

Assignment   Date_____ Period_____

Solve each equation.

1) $75.883 = 6.6(x + 4.555) - 1.7$

2) $-3.6 - 1.85(1 + 8a) = 50.79$

3) $1.13(2.5x - 8) - 5.2x = 9.01$

4) $-5.3(-7.56x + 3.7) = -27.6236$

5) $-5.3x - 5.3(x + 7) = -67.84$

6) $7.14 = -7(3.8m + 4.3)$

7) $-6.7 + 6.455(3.4x + 6.5) = -70.0881$

8) $-1.848 = 0.6(3.3 + 2.2x)$

9) $-4.1(3.2n - 2.2) = -59.204$

10) $-3.35944 = -1.4(3.6k - 0.7)$

11) $-7.3(1.5 + 7.273p) + 2.8p = -46.155$

12) $6.11 = 1.3(a - 3.3)$

13) $9.1656 = -6.84(1 + 7.8n)$

14) $76.608 = -7.98(1.2 + 7.2p)$

15) $3.3(-6.36x - 2.1) = 3.564$

16) $6.98 = 2.9(k - 6.2) + 6.7k$

17) $-42.042 = 6.6(0.7x - 3.5)$

18) $10.907 = -7.33(2.1 - 0.92n)$

19) $3.1(2.1a - 3.7) - 0.8a = -26.887$

20) $-14.0941 = 5.2(1.3 - 7.2a)$

21) $5.9(1 - 5.6p) = 62.068$

22) $1.3(7.9 - 3.5v) = 44.7135$

23) $-0.3(2.1r + 4.2) = 1.89$

24) $56.05 = -5.9(x - 5.2)$

25) $-6.9225 = 0.3(4.55k + 6.5)$

26) $0.52(p + 2) = 1.6068$

27) $-10.85 = 2.8 - 3.9(r + 0.8)$

28) $0.4(1 + 0.5x) = -0.54$

29) $73.5 = -7(2.5v + 3)$

30) $-5.982(1 - 3.1v) = -2.27316$

31) $-60.256 = -2.8(1 - 5.7b)$

32) $9.202 = 4.3(1 + 5.7k)$

Algebra 1   Name_____

Assignment   Date_____ Period_____

Solve each equation.

1) $75.883 = 6.6(x + 4.555) - 1.7$

   {7.2}

2) $-3.6 - 1.85(1 + 8a) = 50.79$

   {−3.8}

3) $1.13(2.5x - 8) - 5.2x = 9.01$

   {−7.6}

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5) $-5.3x - 5.3(x + 7) = -67.84$

   {2.9}

6) $7.14 = -7(3.8m + 4.3)$

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7) $-6.7 + 6.455(3.4x + 6.5) = -70.0881$

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8) $-1.848 = 0.6(3.3 + 2.2x)$

   {−2.9}

9) $-4.1(3.2n - 2.2) = -59.204$

   {5.2}

10) $-3.35944 = -1.4(3.6k - 0.7)$

   {0.861}

11) $-7.3(1.5 + 7.273p) + 2.8p = -46.155$

   {0.7}

12) $6.11 = 1.3(a - 3.3)$

   {8}

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   {2.6}

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   {−4.1}

18) $10.907 = -7.33(2.1 - 0.92n)$

   {3.9}

19) $3.1(2.1a - 3.7) - 0.8a = -26.887$

   {−2.7}

20) $-14.0941 = 5.2(1.3 - 7.2a)$

   {0.557}

21) $5.9(1 - 5.6p) = 62.068$

   {−1.7}

22) $1.3(7.9 - 3.5v) = 44.7135$

   {−7.57}

23) $-0.3(2.1r + 4.2) = 1.89$

   {−5}

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   {−4.3}

25) $-6.9225 = 0.3(4.55k + 6.5)$

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26) $0.52(p + 2) = 1.6068$

   {1.09}

27) $-10.85 = 2.8 - 3.9(r + 0.8)$

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28) $0.4(1 + 0.5x) = -0.54$

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   {−3.6}

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   {0.2}