

Algebra 1 Math Workbook

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Problems

Solving Basic Algebraic Equations- Worksheet 1

1) $9x - 2 = 61$

2) $9x - 5 = 49$

3) $6x - 5 = 13$

4) $4x + 9 = 41$

5) $8x - 5 = 35$

6) $x - 5 = -2$

7) $2x - 5 = 5$

8) $9x + 4 = 58$

9) $x - 5 = -3$

10) $7x - 3 = 53$

11) $3x - 3 = 6$

12) $5x - 5 = 30$

13) $6x - 1 = 11$

14) $7x + 6 = 13$

15) $x + 1 = 3$

16) $6x - 7 = 5$

17) $5x - 2 = 13$

18) $4x - 4 = 12$

19) $3x + 4 = 19$

20) $2x - 1 = 5$

21) $x + 8 = 10$

22) $6x - 5 = 13$

23) $7x - 9 = 33$

24) $2x - 3 = 11$

25) $7x + 5 = 40$

26) Bob had an unknown number of bottles. They got 4 times as many bottles before losing 9 more. In total, they now have 3 bottles. How many objects did Bob start with?

27) Sally had an unknown number of books. They got 7 times as many books before losing 2 more. In total, they now have 33 books. How many objects did Sally start with?

28) Rachel had an unknown number of marbles. They got 7 times as many marbles before losing 9 more. In total, they now have 5 marbles. How many objects did Rachel start with?

29) Michael had an unknown number of toys. They got 5 times as many toys before losing 9 more. In total, they now have 1 toys. How many objects did Michael start with?

30) Alex had an unknown number of marbles. They got 6 times as many marbles before losing 1 more. In total, they now have 29 marbles. How many objects did Alex start with?

Solving Basic Algebraic Equations- Worksheet 2

1) $9x - 2 = 61$

2) $9x - 5 = 49$

3) $6x - 5 = 13$

4) $4x + 9 = 41$

5) $8x - 5 = 35$

6) $x - 5 = -2$

7) $2x - 5 = 5$

8) $9x + 4 = 58$

9) $x - 5 = -3$

10) $7x - 3 = 53$

11) $3x - 3 = 6$

12) $5x - 5 = 30$

13) $6x - 1 = 11$

14) $7x + 6 = 13$

15) $x + 1 = 3$

16) $6x - 7 = 5$

17) $5x - 2 = 13$

18) $4x - 4 = 12$

19) $3x + 4 = 19$

20) $2x - 1 = 5$

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23) $7x - 9 = 33$

24) $2x - 3 = 11$

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28) Rachel had an unknown number of marbles. They got 7 times as many marbles before losing 9 more. In total, they now have 5 marbles. How many objects did Rachel start with?

29) Michael had an unknown number of toys. They got 5 times as many toys before losing 9 more. In total, they now have 1 toys. How many objects did Michael start with?

30) Alex had an unknown number of marbles. They got 6 times as many marbles before losing 1 more. In total, they now have 29 marbles. How many objects did Alex start with?

Solving Basic Algebraic Equations- Worksheet 3

1) $9x - 2 = 61$

2) $9x - 5 = 49$

3) $6x - 5 = 13$

4) $4x + 9 = 41$

5) $8x - 5 = 35$

6) $x - 5 = -2$

7) $2x - 5 = 5$

8) $9x + 4 = 58$

9) $x - 5 = -3$

10) $7x - 3 = 53$

11) $3x - 3 = 6$

12) $5x - 5 = 30$

13) $6x - 1 = 11$

14) $7x + 6 = 13$

15) $x + 1 = 3$

16) $6x - 7 = 5$

17) $5x - 2 = 13$

18) $4x - 4 = 12$

19) $3x + 4 = 19$

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29) Michael had an unknown number of toys. They got 5 times as many toys before losing 9 more. In total, they now have 1 toys. How many objects did Michael start with?

30) Alex had an unknown number of marbles. They got 6 times as many marbles before losing 1 more. In total, they now have 29 marbles. How many objects did Alex start with?

Solving Basic Algebraic Equations- Worksheet 4

1) $9x - 2 = 61$

2) $9x - 5 = 49$

3) $6x - 5 = 13$

4) $4x + 9 = 41$

5) $8x - 5 = 35$

6) $x - 5 = -2$

7) $2x - 5 = 5$

8) $9x + 4 = 58$

9) $x - 5 = -3$

10) $7x - 3 = 53$

11) $3x - 3 = 6$

12) $5x - 5 = 30$

13) $6x - 1 = 11$

14) $7x + 6 = 13$

15) $x + 1 = 3$

16) $6x - 7 = 5$

17) $5x - 2 = 13$

18) $4x - 4 = 12$

19) $3x + 4 = 19$

20) $2x - 1 = 5$

21) $x + 8 = 10$

22) $6x - 5 = 13$

23) $7x - 9 = 33$

24) $2x - 3 = 11$

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28) Rachel had an unknown number of marbles. They got 7 times as many marbles before losing 9 more. In total, they now have 5 marbles. How many objects did Rachel start with?

29) Michael had an unknown number of toys. They got 5 times as many toys before losing 9 more. In total, they now have 1 toys. How many objects did Michael start with?

30) Alex had an unknown number of marbles. They got 6 times as many marbles before losing 1 more. In total, they now have 29 marbles. How many objects did Alex start with?

Solving Inequalities- Worksheet 1

1) Solve: $9x + 2 < 38$

2) Solve: $2x + 7 > 21$

3) Solve: $-1x + 9 \geq 6$

4) Solve: $2x + 1 > 15$

5) Solve: $5x + 9 < 24$

6) Solve: $-6x + 7 \geq -17$

7) Solve: $3x + 5 \leq 17$

8) Solve: $-6x - 3 \leq -9$

9) Solve: $-7x + 9 \leq -26$

10) Solve: $6x + 4 > 58$

11) Solve: $4x - 1 \geq 27$

12) Solve: $-2x - 9 \geq -17$

13) Solve: $6x + 2 < 38$

14) Solve: $3x - 8 < 16$

15) Solve: $8x - 5 \geq 19$

16) Solve: $8x + 2 \leq 66$

17) Solve: $6x + 6 > 18$

18) Solve: $4x - 2 \geq 2$

19) Solve: $9x - 6 \leq 57$

20) Solve: $-4x + 1 \geq -23$

21) Solve: $6x - 7 > -1$

22) Solve: $-7x + 1 > -62$

23) Solve: $5x + 8 \leq 18$

24) Solve: $-2x + 2 \leq -2$

25) Solve: $-6x - 9 < -21$

26) Solve: $-8x + 9 \geq -63$

27) Solve: $4x - 7 > 1$

28) Solve: $-8x + 3 > -61$

29) Solve: $-3x + 5 < 2$

30) Solve: $-6x - 4 > -46$

Solving Inequalities- Worksheet 2

1) Solve: $9x + 2 < 38$

2) Solve: $2x + 7 > 21$

3) Solve: $-1x + 9 \geq 6$

4) Solve: $2x + 1 > 15$

5) Solve: $5x + 9 < 24$

6) Solve: $-6x + 7 \geq -17$

7) Solve: $3x + 5 \leq 17$

8) Solve: $-6x - 3 \leq -9$

9) Solve: $-7x + 9 \leq -26$

10) Solve: $6x + 4 > 58$

11) Solve: $4x - 1 \geq 27$

12) Solve: $-2x - 9 \geq -17$

13) Solve: $6x + 2 < 38$

14) Solve: $3x - 8 < 16$

15) Solve: $8x - 5 \geq 19$

16) Solve: $8x + 2 \leq 66$

17) Solve: $6x + 6 > 18$

18) Solve: $4x - 2 \geq 2$

19) Solve: $9x - 6 \leq 57$

20) Solve: $-4x + 1 \geq -23$

21) Solve: $6x - 7 > -1$

22) Solve: $-7x + 1 > -62$

23) Solve: $5x + 8 \leq 18$

24) Solve: $-2x + 2 \leq -2$

25) Solve: $-6x - 9 < -21$

26) Solve: $-8x + 9 \geq -63$

27) Solve: $4x - 7 > 1$

28) Solve: $-8x + 3 > -61$

29) Solve: $-3x + 5 < 2$

30) Solve: $-6x - 4 > -46$

Solving Inequalities- Worksheet 3

1) Solve: $9x + 2 < 38$

2) Solve: $2x + 7 > 21$

3) Solve: $-1x + 9 \geq 6$

4) Solve: $2x + 1 > 15$

5) Solve: $5x + 9 < 24$

6) Solve: $-6x + 7 \geq -17$

7) Solve: $3x + 5 \leq 17$

8) Solve: $-6x - 3 \leq -9$

9) Solve: $-7x + 9 \leq -26$

10) Solve: $6x + 4 > 58$

11) Solve: $4x - 1 \geq 27$

12) Solve: $-2x - 9 \geq -17$

13) Solve: $6x + 2 < 38$

14) Solve: $3x - 8 < 16$

15) Solve: $8x - 5 \geq 19$

16) Solve: $8x + 2 \leq 66$

17) Solve: $6x + 6 > 18$

18) Solve: $4x - 2 \geq 2$

19) Solve: $9x - 6 \leq 57$

20) Solve: $-4x + 1 \geq -23$

21) Solve: $6x - 7 > -1$

22) Solve: $-7x + 1 > -62$

23) Solve: $5x + 8 \leq 18$

24) Solve: $-2x + 2 \leq -2$

25) Solve: $-6x - 9 < -21$

26) Solve: $-8x + 9 \geq -63$

27) Solve: $4x - 7 > 1$

28) Solve: $-8x + 3 > -61$

29) Solve: $-3x + 5 < 2$

30) Solve: $-6x - 4 > -46$

Solving Inequalities- Worksheet 4

1) Solve: $9x + 2 < 38$

2) Solve: $2x + 7 > 21$

3) Solve: $-1x + 9 \geq 6$

4) Solve: $2x + 1 > 15$

5) Solve: $5x + 9 < 24$

6) Solve: $-6x + 7 \geq -17$

7) Solve: $3x + 5 \leq 17$

8) Solve: $-6x - 3 \leq -9$

9) Solve: $-7x + 9 \leq -26$

10) Solve: $6x + 4 > 58$

11) Solve: $4x - 1 \geq 27$

12) Solve: $-2x - 9 \geq -17$

13) Solve: $6x + 2 < 38$

14) Solve: $3x - 8 < 16$

15) Solve: $8x - 5 \geq 19$

16) Solve: $8x + 2 \leq 66$

17) Solve: $6x + 6 > 18$

18) Solve: $4x - 2 \geq 2$

19) Solve: $9x - 6 \leq 57$

20) Solve: $-4x + 1 \geq -23$

21) Solve: $6x - 7 > -1$

22) Solve: $-7x + 1 > -62$

23) Solve: $5x + 8 \leq 18$

24) Solve: $-2x + 2 \leq -2$

25) Solve: $-6x - 9 < -21$

26) Solve: $-8x + 9 \geq -63$

27) Solve: $4x - 7 > 1$

28) Solve: $-8x + 3 > -61$

29) Solve: $-3x + 5 < 2$

30) Solve: $-6x - 4 > -46$

Factoring Basic Quadratic Equations- Worksheet 1

1) Factorize: $x^2 + 13x + 42$

2) Factorize: $x^2 + 13x + 40$

3) Factorize: $x^2 + 11x + 10$

4) Factorize: $x^2 - 2x - 3$

5) Factorize: $x^2 + 2x - 35$

6) Factorize: $x^2 + 4x - 45$

7) Factorize: $x^2 - 2x - 24$

8) Factorize: $x^2 + 12x + 35$

9) Factorize: $x^2 + 5x - 50$

10) Factorize: $x^2 + 5x + 4$

11) Factorize: $x^2 + 4x - 21$

12) Factorize: $x^2 + 4x + 3$

13) Factorize: $x^2 - 12x + 35$

14) Factorize: $x^2 - 49$

15) Factorize: $x^2 - 19x + 90$

16) Factorize: $x^2 - 1x - 30$

17) Factorize: $x^2 + 11x + 10$

18) Factorize: $x^2 - 7x - 30$

19) Factorize: $x^2 - 3x - 54$

20) Factorize: $x^2 + 6x + 8$

21) Factorize: $x^2 - 3x - 70$

22) Factorize: $x^2 + 3x + 2$

23) Factorize: $x^2 + 2x - 24$

24) Factorize: $x^2 - 3x - 18$

25) Factorize: $x^2 + 12x + 32$

26) Factorize: $x^2 - 8x - 20$

27) Factorize: $x^2 + 2x - 3$

28) Factorize: $x^2 + 20x + 100$

29) Factorize: $x^2 + 8x + 7$

30) Factorize: $x^2 - 13x + 42$

Factoring Basic Quadratic Equations- Worksheet 2

1) Factorize: $x^2 + 13x + 42$

2) Factorize: $x^2 + 13x + 40$

3) Factorize: $x^2 + 11x + 10$

4) Factorize: $x^2 - 2x - 3$

5) Factorize: $x^2 + 2x - 35$

6) Factorize: $x^2 + 4x - 45$

7) Factorize: $x^2 - 2x - 24$

8) Factorize: $x^2 + 12x + 35$

9) Factorize: $x^2 + 5x - 50$

10) Factorize: $x^2 + 5x + 4$

11) Factorize: $x^2 + 4x - 21$

12) Factorize: $x^2 + 4x + 3$

13) Factorize: $x^2 - 12x + 35$

14) Factorize: $x^2 - 49$

15) Factorize: $x^2 - 19x + 90$

16) Factorize: $x^2 - 1x - 30$

17) Factorize: $x^2 + 11x + 10$

18) Factorize: $x^2 - 7x - 30$

19) Factorize: $x^2 - 3x - 54$

20) Factorize: $x^2 + 6x + 8$

21) Factorize: $x^2 - 3x - 70$

22) Factorize: $x^2 + 3x + 2$

23) Factorize: $x^2 + 2x - 24$

24) Factorize: $x^2 - 3x - 18$

25) Factorize: $x^2 + 12x + 32$

26) Factorize: $x^2 - 8x - 20$

27) Factorize: $x^2 + 2x - 3$

28) Factorize: $x^2 + 20x + 100$

29) Factorize: $x^2 + 8x + 7$

30) Factorize: $x^2 - 13x + 42$

Factoring Basic Quadratic Equations- Worksheet 3

1) Factorize: $x^2 + 13x + 42$

2) Factorize: $x^2 + 13x + 40$

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6) Factorize: $x^2 + 4x - 45$

7) Factorize: $x^2 - 2x - 24$

8) Factorize: $x^2 + 12x + 35$

9) Factorize: $x^2 + 5x - 50$

10) Factorize: $x^2 + 5x + 4$

11) Factorize: $x^2 + 4x - 21$

12) Factorize: $x^2 + 4x + 3$

13) Factorize: $x^2 - 12x + 35$

14) Factorize: $x^2 - 49$

15) Factorize: $x^2 - 19x + 90$

16) Factorize: $x^2 - 1x - 30$

17) Factorize: $x^2 + 11x + 10$

18) Factorize: $x^2 - 7x - 30$

19) Factorize: $x^2 - 3x - 54$

20) Factorize: $x^2 + 6x + 8$

21) Factorize: $x^2 - 3x - 70$

22) Factorize: $x^2 + 3x + 2$

23) Factorize: $x^2 + 2x - 24$

24) Factorize: $x^2 - 3x - 18$

25) Factorize: $x^2 + 12x + 32$

26) Factorize: $x^2 - 8x - 20$

27) Factorize: $x^2 + 2x - 3$

28) Factorize: $x^2 + 20x + 100$

29) Factorize: $x^2 + 8x + 7$

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6) Factorize: $x^2 + 4x - 45$

7) Factorize: $x^2 - 2x - 24$

8) Factorize: $x^2 + 12x + 35$

9) Factorize: $x^2 + 5x - 50$

10) Factorize: $x^2 + 5x + 4$

11) Factorize: $x^2 + 4x - 21$

12) Factorize: $x^2 + 4x + 3$

13) Factorize: $x^2 - 12x + 35$

14) Factorize: $x^2 - 49$

15) Factorize: $x^2 - 19x + 90$

16) Factorize: $x^2 - 1x - 30$

17) Factorize: $x^2 + 11x + 10$

18) Factorize: $x^2 - 7x - 30$

19) Factorize: $x^2 - 3x - 54$

20) Factorize: $x^2 + 6x + 8$

21) Factorize: $x^2 - 3x - 70$

22) Factorize: $x^2 + 3x + 2$

23) Factorize: $x^2 + 2x - 24$

24) Factorize: $x^2 - 3x - 18$

25) Factorize: $x^2 + 12x + 32$

26) Factorize: $x^2 - 8x - 20$

27) Factorize: $x^2 + 2x - 3$

28) Factorize: $x^2 + 20x + 100$

29) Factorize: $x^2 + 8x + 7$

30) Factorize: $x^2 - 13x + 42$

Factoring Advanced Quadratic Equations- Worksheet 1

1) Factorize: $6x^2 + 37x + 35$

2) Factorize: $4x^2 + 20x + 16$

3) Factorize: $8x^2 - 14x - 72$

4) Factorize: $10x^2 - 39x + 35$

5) Factorize: $-6x^2 + 19x - 15$

6) Factorize: $20x^2 - 49x + 30$

7) Factorize: $10x^2 - 1x - 24$

8) Factorize: $-6x^2 - 31x - 35$

9) Factorize: $20x^2 + 38x - 30$

10) Factorize: $10x^2 + 15x - 10$

11) Factorize: $-16x^2 + 48x - 27$

12) Factorize: $-4x^2 - 21x - 5$

13) Factorize: $12x^2 + 31x + 9$

14) Factorize: $-2x^2 + 12x + 14$

15) Factorize: $10x^2 - 39x + 14$

16) Factorize: $-3x^2 - 32x - 45$

17) Factorize: $2x^2 - 11x - 21$

18) Factorize: $12x^2 - 14x - 10$

19) Factorize: $-3x^2 + 18x - 24$

20) Factorize: $36x^2 + 12x - 80$

21) Factorize: $4x^2 + 16x + 12$

22) Factorize: $12x^2 + 47x + 45$

23) Factorize: $-10x^2 + 28x - 18$

24) Factorize: $-15x^2 + 25x + 10$

25) Factorize: $-4x^2 - 27x - 18$

26) Factorize: $4x^2 - 10x + 6$

27) Factorize: $24x^2 + 14x - 49$

28) Factorize: $-30x^2 - 10x + 20$

29) Factorize: $-4x^2 - 11x - 6$

30) Factorize: $-4x^2 - 4x + 35$

Factoring Advanced Quadratic Equations- Worksheet 2

1) Factorize: $6x^2 + 37x + 35$

2) Factorize: $4x^2 + 20x + 16$

3) Factorize: $8x^2 - 14x - 72$

4) Factorize: $10x^2 - 39x + 35$

5) Factorize: $-6x^2 + 19x - 15$

6) Factorize: $20x^2 - 49x + 30$

7) Factorize: $10x^2 - 1x - 24$

8) Factorize: $-6x^2 - 31x - 35$

9) Factorize: $20x^2 + 38x - 30$

10) Factorize: $10x^2 + 15x - 10$

11) Factorize: $-16x^2 + 48x - 27$

12) Factorize: $-4x^2 - 21x - 5$

13) Factorize: $12x^2 + 31x + 9$

14) Factorize: $-2x^2 + 12x + 14$

15) Factorize: $10x^2 - 39x + 14$

16) Factorize: $-3x^2 - 32x - 45$

17) Factorize: $2x^2 - 11x - 21$

18) Factorize: $12x^2 - 14x - 10$

19) Factorize: $-3x^2 + 18x - 24$

20) Factorize: $36x^2 + 12x - 80$

21) Factorize: $4x^2 + 16x + 12$

22) Factorize: $12x^2 + 47x + 45$

23) Factorize: $-10x^2 + 28x - 18$

24) Factorize: $-15x^2 + 25x + 10$

25) Factorize: $-4x^2 - 27x - 18$

26) Factorize: $4x^2 - 10x + 6$

27) Factorize: $24x^2 + 14x - 49$

28) Factorize: $-30x^2 - 10x + 20$

29) Factorize: $-4x^2 - 11x - 6$

30) Factorize: $-4x^2 - 4x + 35$

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3) Factorize: $8x^2 - 14x - 72$

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6) Factorize: $20x^2 - 49x + 30$

7) Factorize: $10x^2 - 1x - 24$

8) Factorize: $-6x^2 - 31x - 35$

9) Factorize: $20x^2 + 38x - 30$

10) Factorize: $10x^2 + 15x - 10$

11) Factorize: $-16x^2 + 48x - 27$

12) Factorize: $-4x^2 - 21x - 5$

13) Factorize: $12x^2 + 31x + 9$

14) Factorize: $-2x^2 + 12x + 14$

15) Factorize: $10x^2 - 39x + 14$

16) Factorize: $-3x^2 - 32x - 45$

17) Factorize: $2x^2 - 11x - 21$

18) Factorize: $12x^2 - 14x - 10$

19) Factorize: $-3x^2 + 18x - 24$

20) Factorize: $36x^2 + 12x - 80$

21) Factorize: $4x^2 + 16x + 12$

22) Factorize: $12x^2 + 47x + 45$

23) Factorize: $-10x^2 + 28x - 18$

24) Factorize: $-15x^2 + 25x + 10$

25) Factorize: $-4x^2 - 27x - 18$

26) Factorize: $4x^2 - 10x + 6$

27) Factorize: $24x^2 + 14x - 49$

28) Factorize: $-30x^2 - 10x + 20$

29) Factorize: $-4x^2 - 11x - 6$

30) Factorize: $-4x^2 - 4x + 35$

Factoring Advanced Quadratic Equations- Worksheet 4

1) Factorize: $6x^2 + 37x + 35$

2) Factorize: $4x^2 + 20x + 16$

3) Factorize: $8x^2 - 14x - 72$

4) Factorize: $10x^2 - 39x + 35$

5) Factorize: $-6x^2 + 19x - 15$

6) Factorize: $20x^2 - 49x + 30$

7) Factorize: $10x^2 - 1x - 24$

8) Factorize: $-6x^2 - 31x - 35$

9) Factorize: $20x^2 + 38x - 30$

10) Factorize: $10x^2 + 15x - 10$

11) Factorize: $-16x^2 + 48x - 27$

12) Factorize: $-4x^2 - 21x - 5$

13) Factorize: $12x^2 + 31x + 9$

14) Factorize: $-2x^2 + 12x + 14$

15) Factorize: $10x^2 - 39x + 14$

16) Factorize: $-3x^2 - 32x - 45$

17) Factorize: $2x^2 - 11x - 21$

18) Factorize: $12x^2 - 14x - 10$

19) Factorize: $-3x^2 + 18x - 24$

20) Factorize: $36x^2 + 12x - 80$

21) Factorize: $4x^2 + 16x + 12$

22) Factorize: $12x^2 + 47x + 45$

23) Factorize: $-10x^2 + 28x - 18$

24) Factorize: $-15x^2 + 25x + 10$

25) Factorize: $-4x^2 - 27x - 18$

26) Factorize: $4x^2 - 10x + 6$

27) Factorize: $24x^2 + 14x - 49$

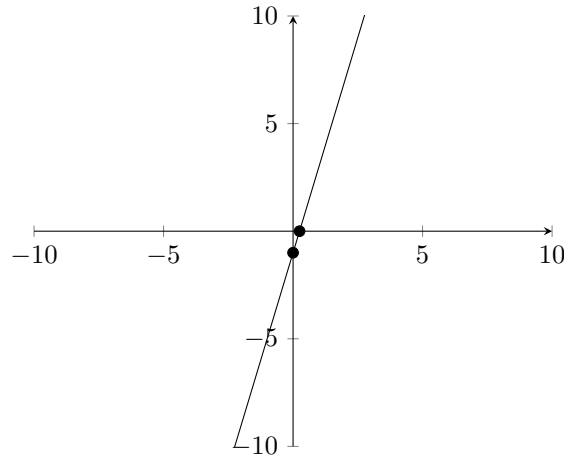
28) Factorize: $-30x^2 - 10x + 20$

29) Factorize: $-4x^2 - 11x - 6$

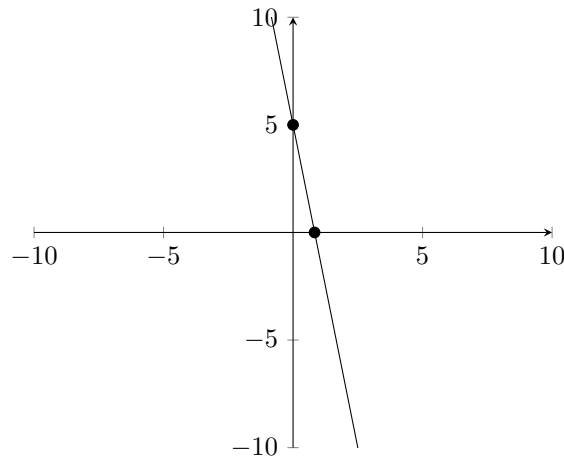
30) Factorize: $-4x^2 - 4x + 35$

Finding the Equation of a Line- Worksheet 1

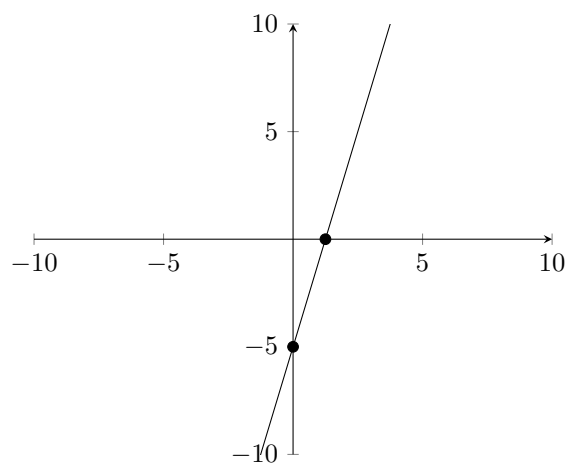
- 1) Find the equation of the line with the points $(0, -1)$, $(0.25, 0)$. Round your slope to the nearest whole number:



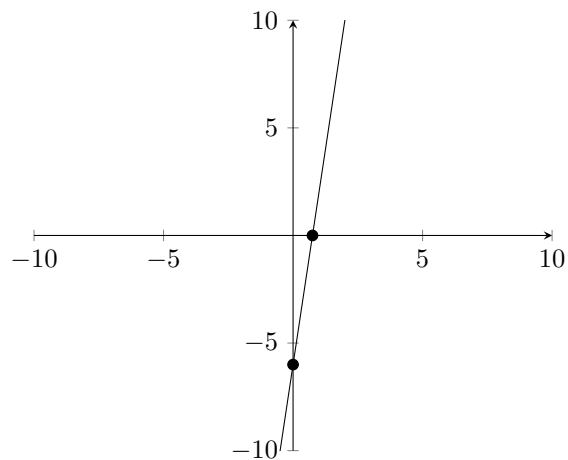
- 2) Find the equation of the line with the points $(0, 5)$, $(0.83, 0)$. Round your slope to the nearest whole number:



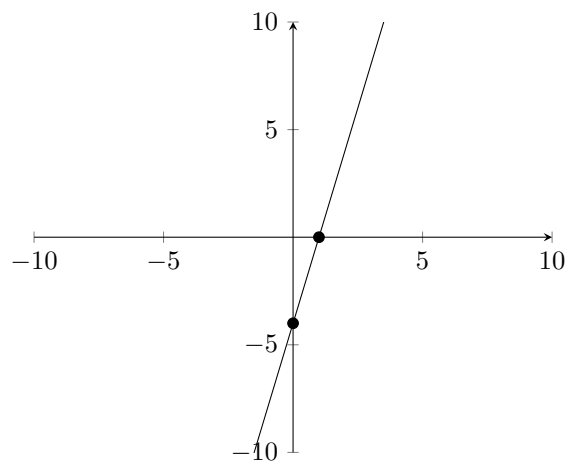
- 3) Find the equation of the line with the points $(0, -5)$, $(1.25, 0)$. Round your slope to the nearest whole number:



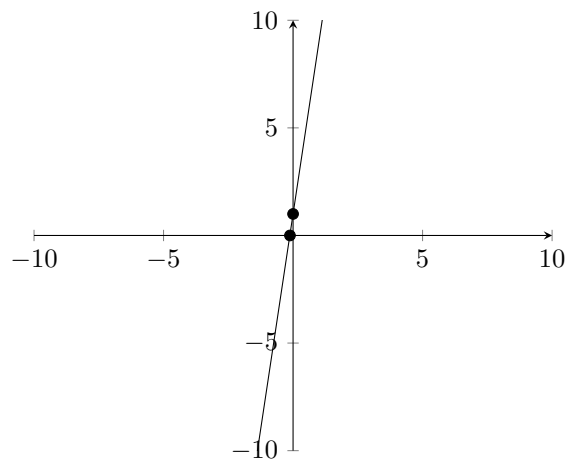
4) Find the equation of the line with the points $(0, -6)$, $(0.75, 0)$. Round your slope to the nearest whole number:



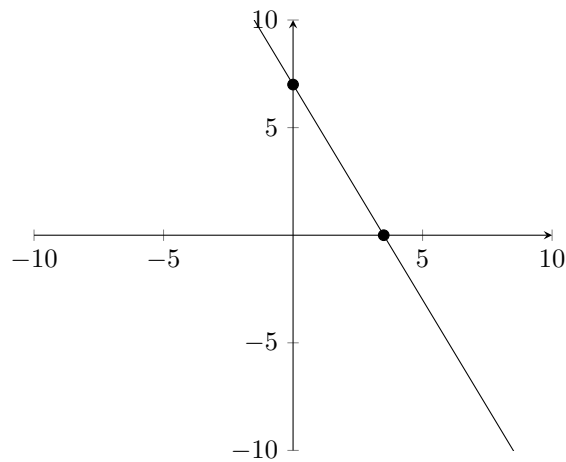
5) Find the equation of the line with the points $(0, -4)$, $(1.0, 0)$. Round your slope to the nearest whole number:



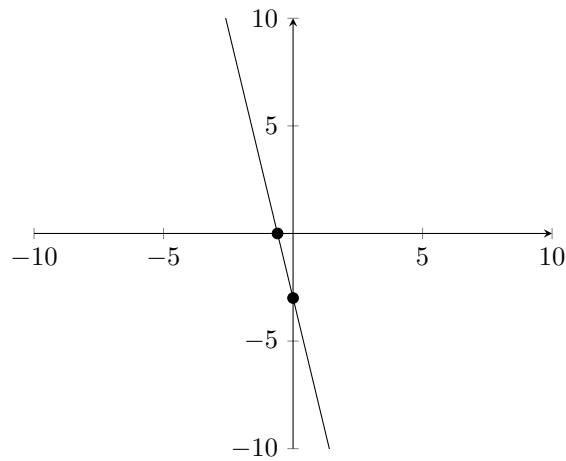
6) Find the equation of the line with the points $(0, 1)$, $(-0.12, 0)$. Round your slope to the nearest whole number:



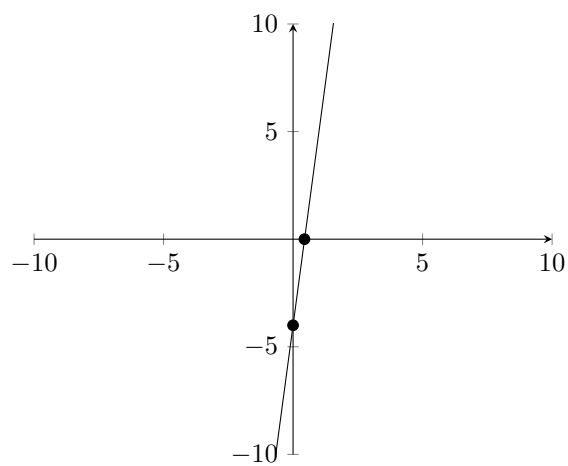
7) Find the equation of the line with the points $(0, 7)$, $(3.5, 0)$. Round your slope to the nearest whole number:



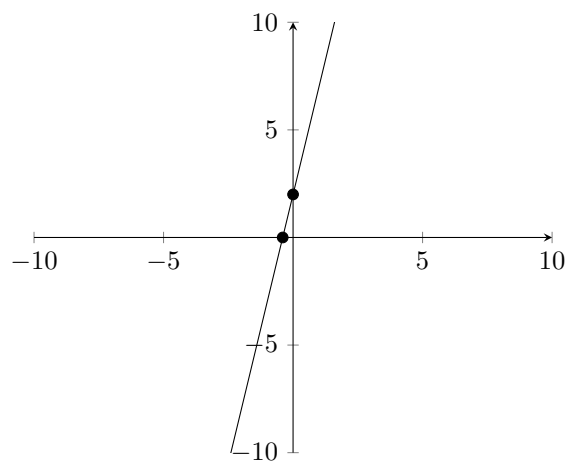
8) Find the equation of the line with the points $(0, -3)$, $(-0.6, 0)$. Round your slope to the nearest whole number:



9) Find the equation of the line with the points $(0, -4)$, $(0.44, 0)$. Round your slope to the nearest whole number:

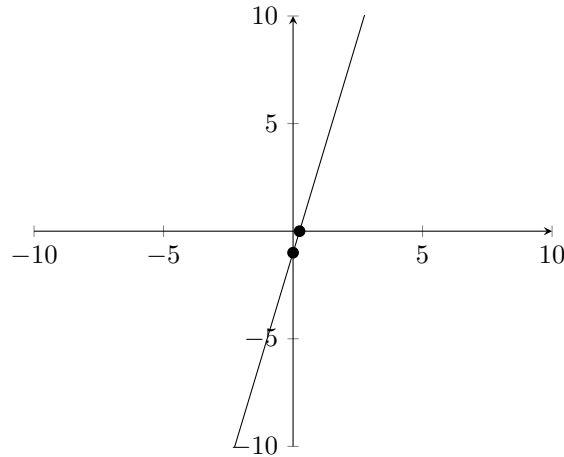


10) Find the equation of the line with the points $(0, 2)$, $(-0.4, 0)$. Round your slope to the nearest whole number:

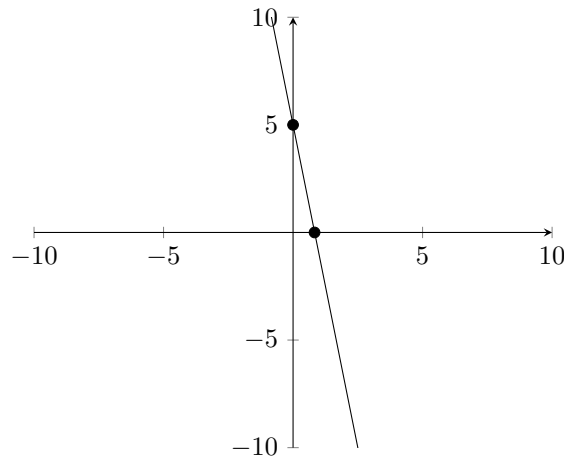


Finding the Equation of a Line- Worksheet 2

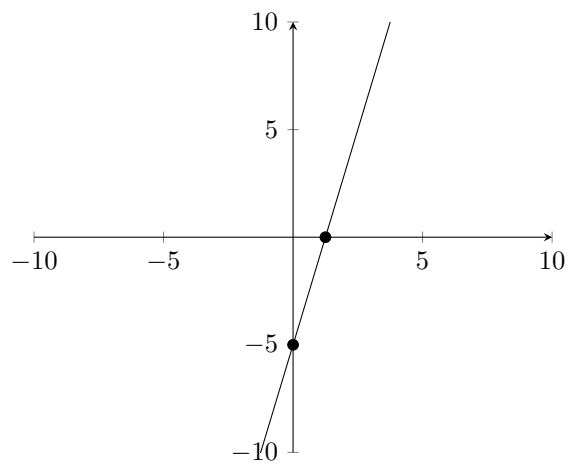
- 1) Find the equation of the line with the points $(0, -1)$, $(0.25, 0)$. Round your slope to the nearest whole number:



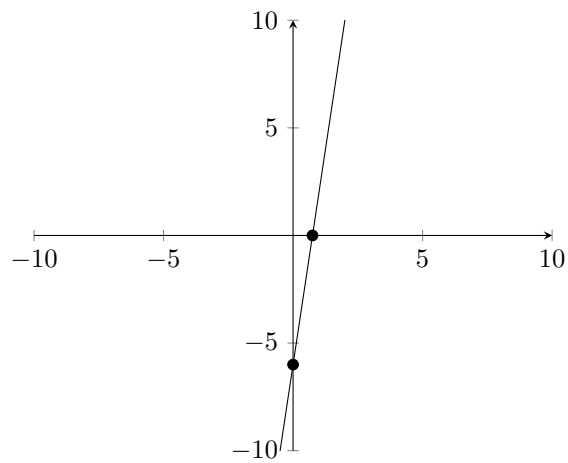
- 2) Find the equation of the line with the points $(0, 5)$, $(0.83, 0)$. Round your slope to the nearest whole number:



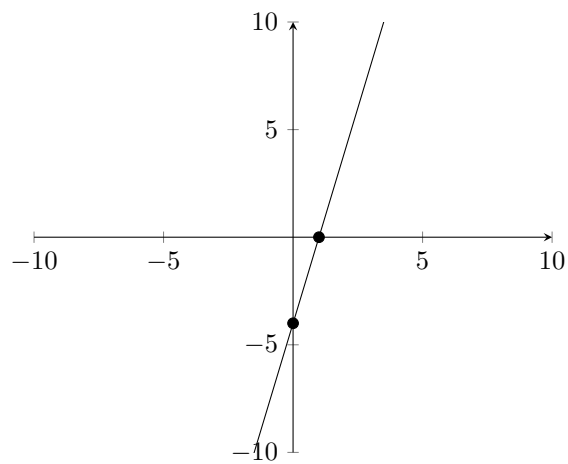
- 3) Find the equation of the line with the points $(0, -5)$, $(1.25, 0)$. Round your slope to the nearest whole number:



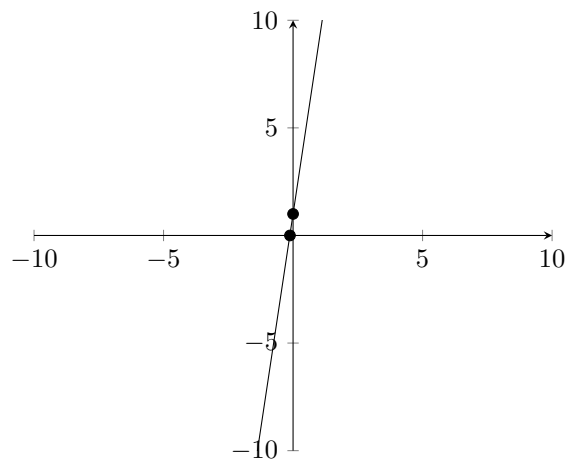
4) Find the equation of the line with the points $(0, -6)$, $(0.75, 0)$. Round your slope to the nearest whole number:



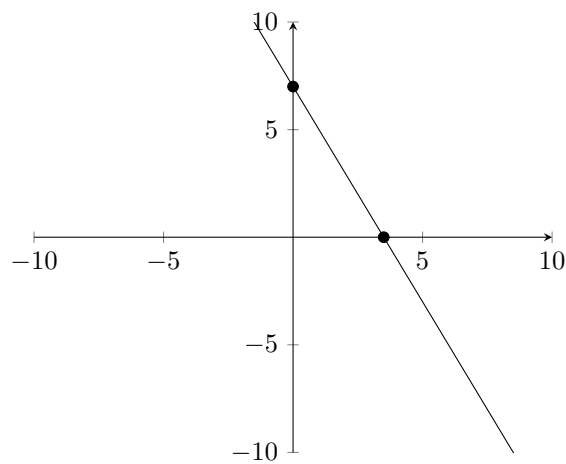
5) Find the equation of the line with the points $(0, -4)$, $(1.0, 0)$. Round your slope to the nearest whole number:



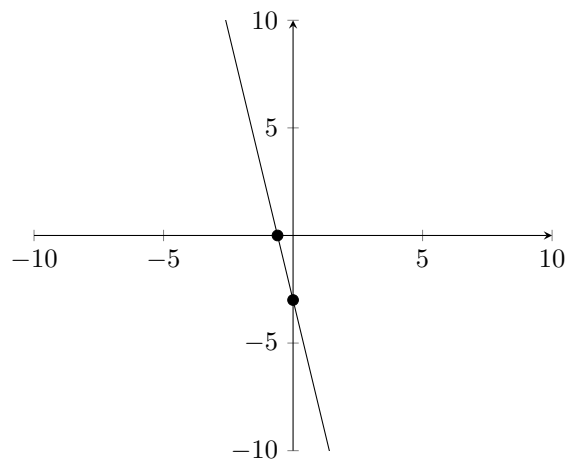
6) Find the equation of the line with the points $(0, 1)$, $(-0.12, 0)$. Round your slope to the nearest whole number:



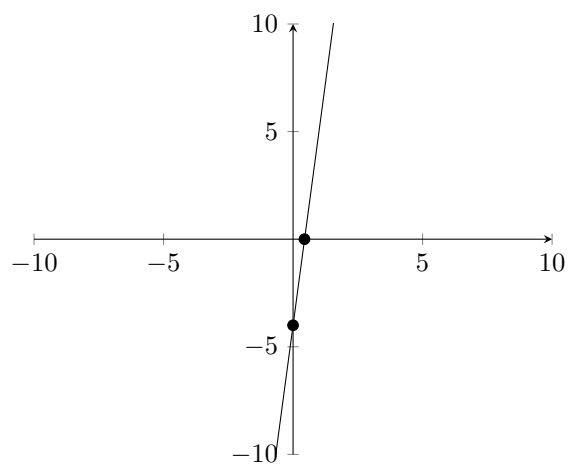
7) Find the equation of the line with the points $(0, 7)$, $(3.5, 0)$. Round your slope to the nearest whole number:



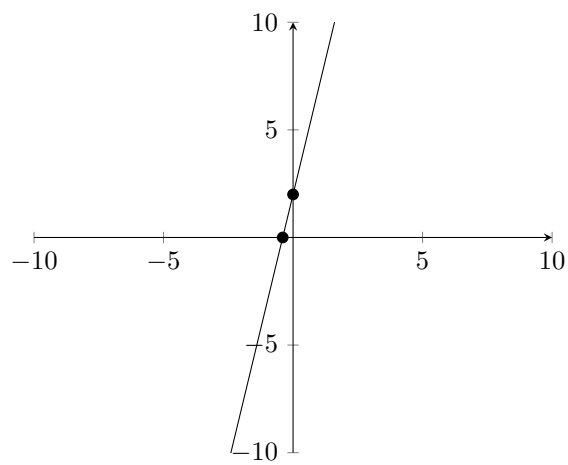
8) Find the equation of the line with the points $(0, -3)$, $(-0.6, 0)$. Round your slope to the nearest whole number:



9) Find the equation of the line with the points $(0, -4)$, $(0.44, 0)$. Round your slope to the nearest whole number:

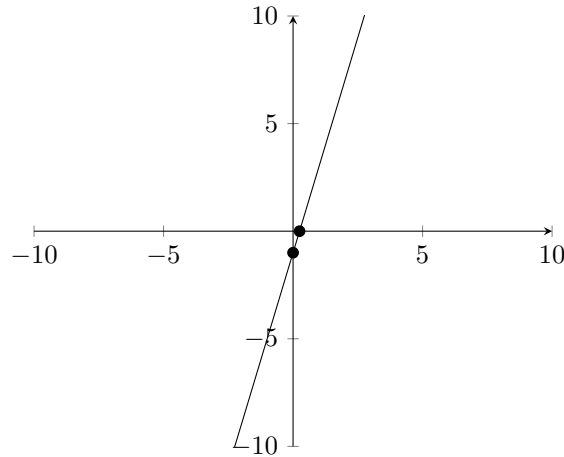


10) Find the equation of the line with the points $(0, 2)$, $(-0.4, 0)$. Round your slope to the nearest whole number:

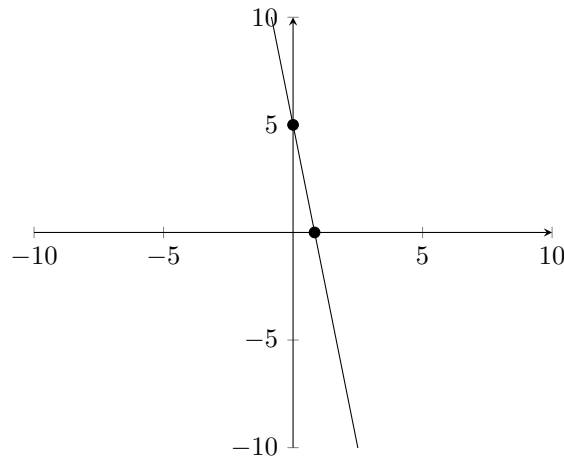


Finding the Equation of a Line- Worksheet 3

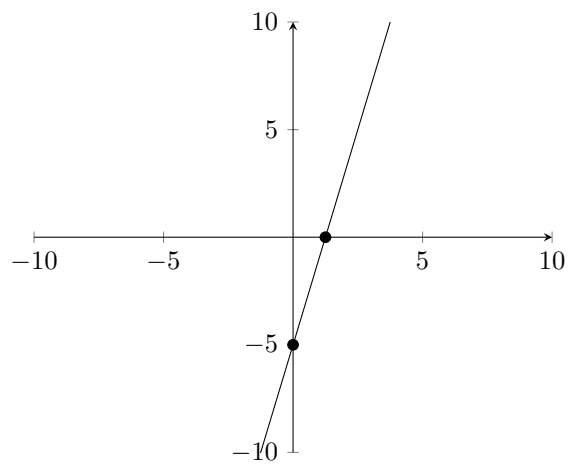
- 1) Find the equation of the line with the points $(0, -1)$, $(0.25, 0)$. Round your slope to the nearest whole number:



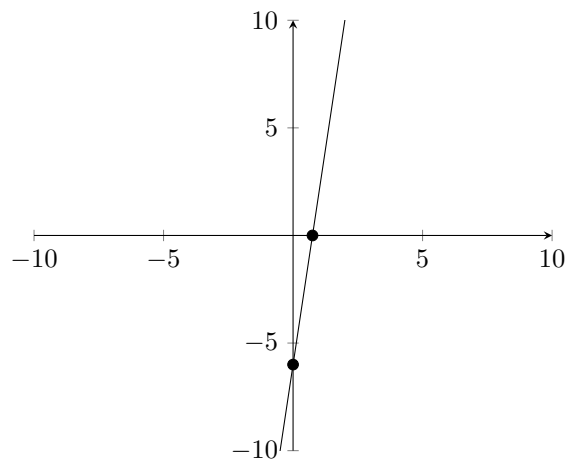
- 2) Find the equation of the line with the points $(0, 5)$, $(0.83, 0)$. Round your slope to the nearest whole number:



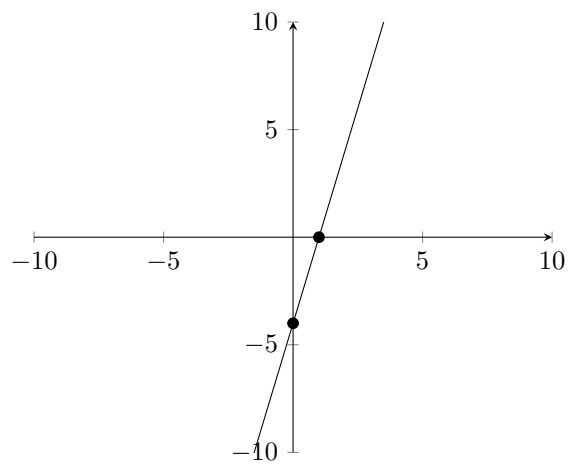
- 3) Find the equation of the line with the points $(0, -5)$, $(1.25, 0)$. Round your slope to the nearest whole number:



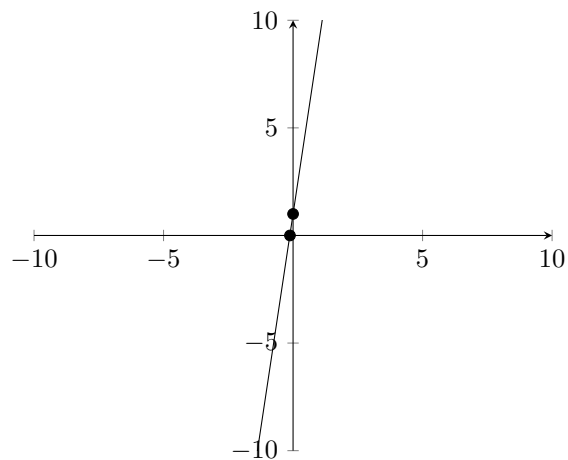
4) Find the equation of the line with the points $(0, -6)$, $(0.75, 0)$. Round your slope to the nearest whole number:



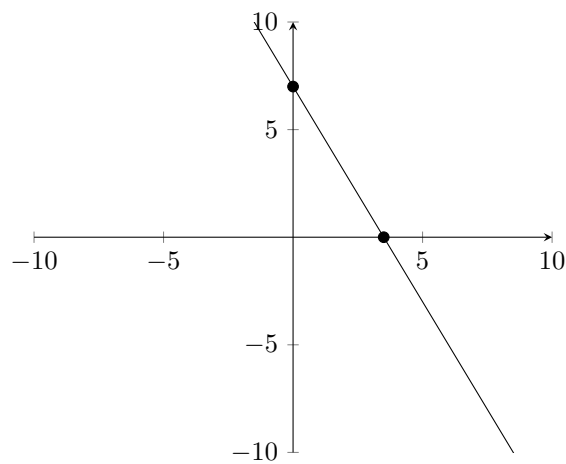
5) Find the equation of the line with the points $(0, -4)$, $(1.0, 0)$. Round your slope to the nearest whole number:



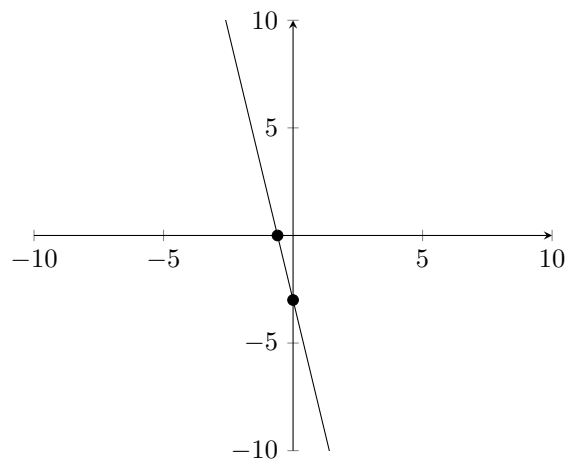
6) Find the equation of the line with the points $(0, 1)$, $(-0.12, 0)$. Round your slope to the nearest whole number:



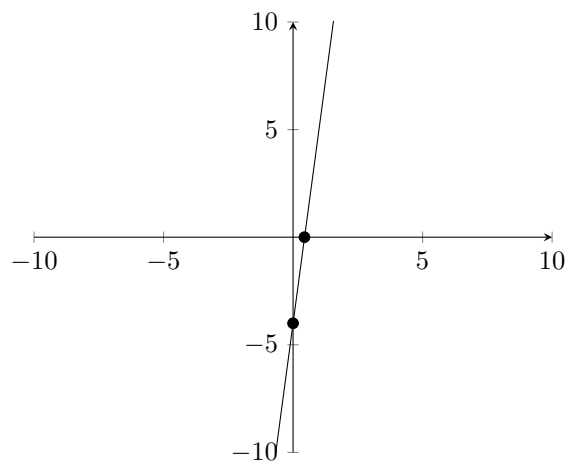
7) Find the equation of the line with the points $(0, 7)$, $(3.5, 0)$. Round your slope to the nearest whole number:



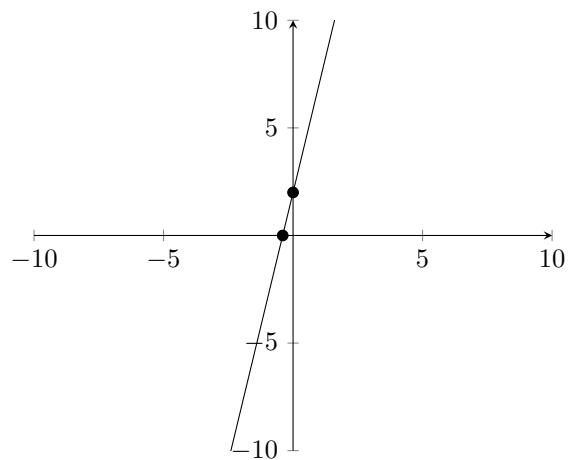
8) Find the equation of the line with the points $(0, -3)$, $(-0.6, 0)$. Round your slope to the nearest whole number:



9) Find the equation of the line with the points $(0, -4)$, $(0.44, 0)$. Round your slope to the nearest whole number:

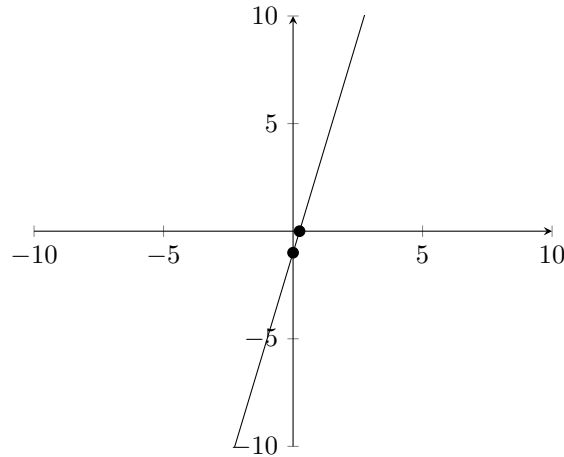


10) Find the equation of the line with the points $(0, 2)$, $(-0.4, 0)$. Round your slope to the nearest whole number:

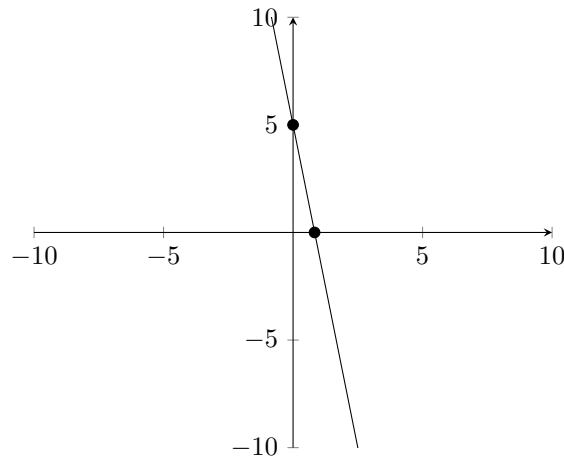


Finding the Equation of a Line- Worksheet 4

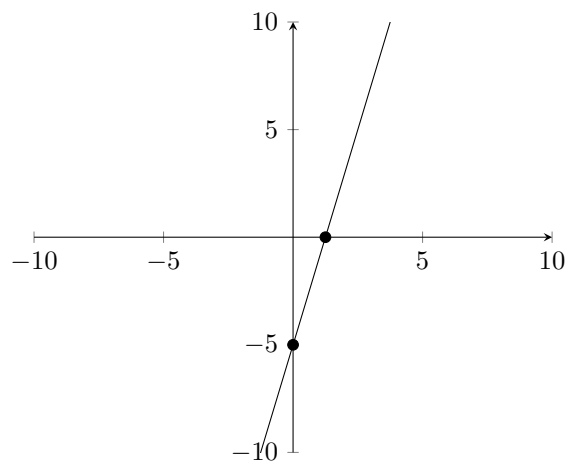
- 1) Find the equation of the line with the points $(0, -1)$, $(0.25, 0)$. Round your slope to the nearest whole number:



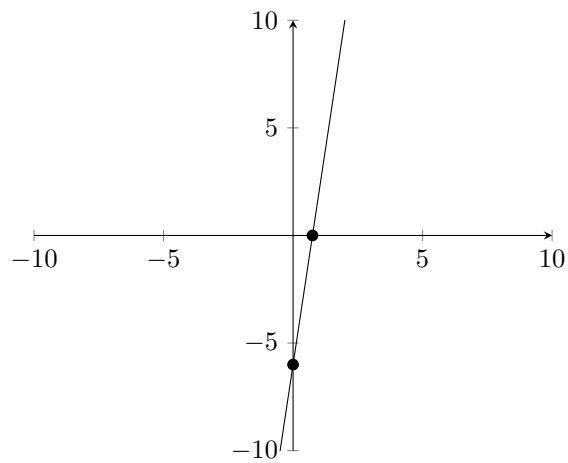
- 2) Find the equation of the line with the points $(0, 5)$, $(0.83, 0)$. Round your slope to the nearest whole number:



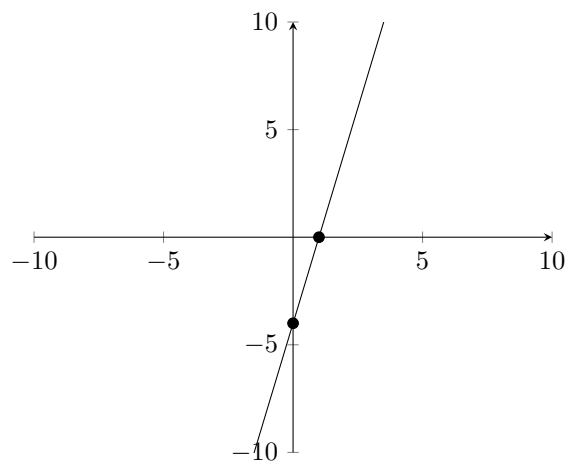
- 3) Find the equation of the line with the points $(0, -5)$, $(1.25, 0)$. Round your slope to the nearest whole number:



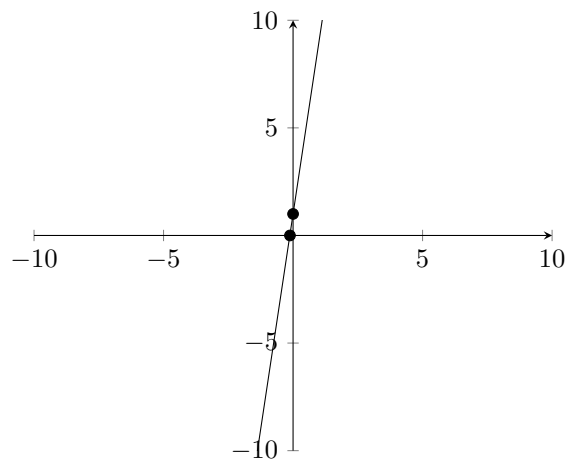
4) Find the equation of the line with the points $(0, -6)$, $(0.75, 0)$. Round your slope to the nearest whole number:



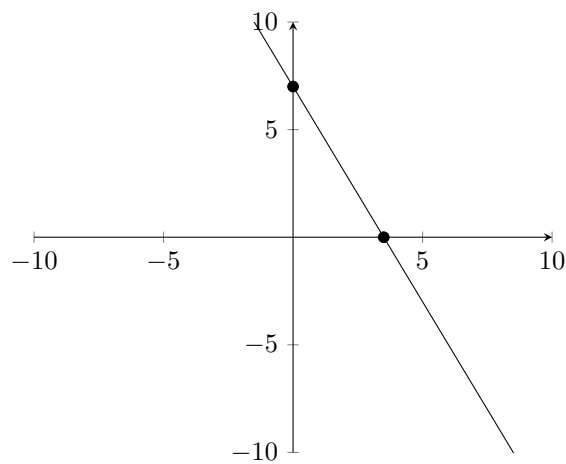
5) Find the equation of the line with the points $(0, -4)$, $(1.0, 0)$. Round your slope to the nearest whole number:



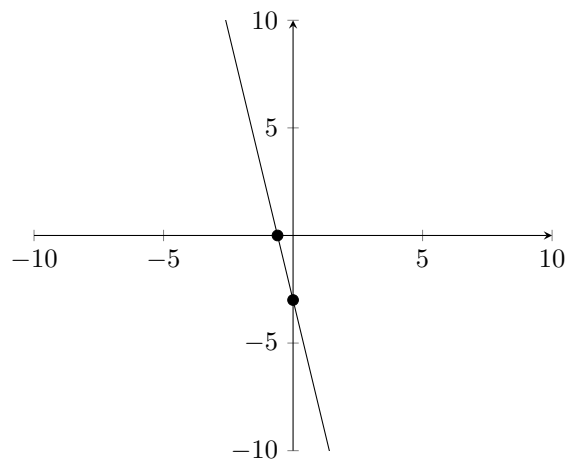
6) Find the equation of the line with the points $(0, 1)$, $(-0.12, 0)$. Round your slope to the nearest whole number:



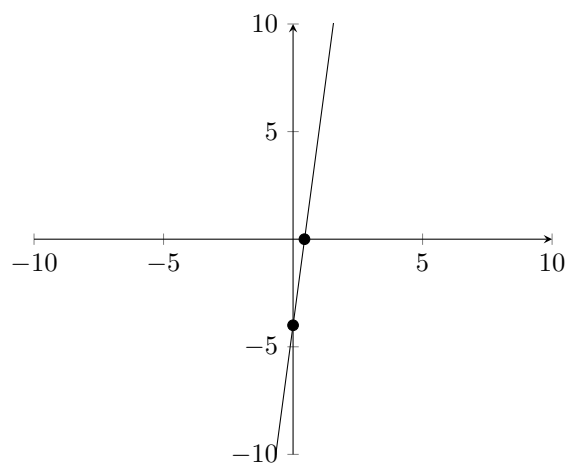
7) Find the equation of the line with the points $(0, 7)$, $(3.5, 0)$. Round your slope to the nearest whole number:



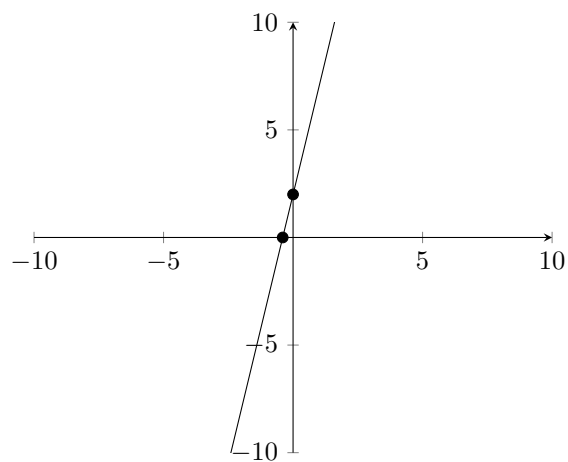
8) Find the equation of the line with the points $(0, -3)$, $(-0.6, 0)$. Round your slope to the nearest whole number:



9) Find the equation of the line with the points $(0, -4)$, $(0.44, 0)$. Round your slope to the nearest whole number:



10) Find the equation of the line with the points $(0, 2)$, $(-0.4, 0)$. Round your slope to the nearest whole number:



Solutions

Solving Basic Algebraic Equations- Solution 1

- 1) $x=7$
- 2) $x=6$
- 3) $x=3$
- 4) $x=8$
- 5) $x=5$
- 6) $x=3$
- 7) $x=5$
- 8) $x=6$
- 9) $x=2$
- 10) $x=8$
- 11) $x=3$
- 12) $x=7$
- 13) $x=2$
- 14) $x=1$
- 15) $x=2$
- 16) $x=2$
- 17) $x=3$
- 18) $x=4$
- 19) $x=5$
- 20) $x=3$
- 21) $x=2$
- 22) $x=3$
- 23) $x=6$
- 24) $x=7$
- 25) $x=5$
- 26) Bob started with 3 bottles.
- 27) Sally started with 5 books.
- 28) Rachel started with 2 marbles.
- 29) Michael started with 2 toys.
- 30) Alex started with 5 marbles.

Solving Basic Algebraic Equations- Solution 2

- 1) $x=7$
- 2) $x=6$
- 3) $x=3$
- 4) $x=8$
- 5) $x=5$
- 6) $x=3$
- 7) $x=5$
- 8) $x=6$
- 9) $x=2$
- 10) $x=8$
- 11) $x=3$
- 12) $x=7$
- 13) $x=2$
- 14) $x=1$
- 15) $x=2$
- 16) $x=2$
- 17) $x=3$
- 18) $x=4$
- 19) $x=5$
- 20) $x=3$
- 21) $x=2$
- 22) $x=3$
- 23) $x=6$
- 24) $x=7$
- 25) $x=5$
- 26) Bob started with 3 bottles.
- 27) Sally started with 5 books.
- 28) Rachel started with 2 marbles.
- 29) Michael started with 2 toys.
- 30) Alex started with 5 marbles.

Solving Basic Algebraic Equations- Solution 3

- 1) $x=7$
- 2) $x=6$
- 3) $x=3$
- 4) $x=8$
- 5) $x=5$
- 6) $x=3$
- 7) $x=5$
- 8) $x=6$
- 9) $x=2$
- 10) $x=8$
- 11) $x=3$
- 12) $x=7$
- 13) $x=2$
- 14) $x=1$
- 15) $x=2$
- 16) $x=2$
- 17) $x=3$
- 18) $x=4$
- 19) $x=5$
- 20) $x=3$
- 21) $x=2$
- 22) $x=3$
- 23) $x=6$
- 24) $x=7$
- 25) $x=5$
- 26) Bob started with 3 bottles.
- 27) Sally started with 5 books.
- 28) Rachel started with 2 marbles.
- 29) Michael started with 2 toys.
- 30) Alex started with 5 marbles.

Solving Basic Algebraic Equations- Solution 4

- 1) $x=7$
- 2) $x=6$
- 3) $x=3$
- 4) $x=8$
- 5) $x=5$
- 6) $x=3$
- 7) $x=5$
- 8) $x=6$
- 9) $x=2$
- 10) $x=8$
- 11) $x=3$
- 12) $x=7$
- 13) $x=2$
- 14) $x=1$
- 15) $x=2$
- 16) $x=2$
- 17) $x=3$
- 18) $x=4$
- 19) $x=5$
- 20) $x=3$
- 21) $x=2$
- 22) $x=3$
- 23) $x=6$
- 24) $x=7$
- 25) $x=5$
- 26) Bob started with 3 bottles.
- 27) Sally started with 5 books.
- 28) Rachel started with 2 marbles.
- 29) Michael started with 2 toys.
- 30) Alex started with 5 marbles.

Solving Inequalities- Solution 1

- 1) $x < 4$
- 2) $x > 7$
- 3) $x \leq 3$
- 4) $x > 7$
- 5) $x < 3$
- 6) $x \leq 4$
- 7) $x \leq 4$
- 8) $x \geq 1$
- 9) $x \geq 5$
- 10) $x > 9$
- 11) $x \geq 7$
- 12) $x \leq 4$
- 13) $x < 6$
- 14) $x < 8$
- 15) $x \geq 3$
- 16) $x \leq 8$
- 17) $x > 2$
- 18) $x \geq 1$
- 19) $x \leq 7$
- 20) $x \leq 6$
- 21) $x > 1$
- 22) $x < 9$
- 23) $x \leq 2$
- 24) $x \geq 2$
- 25) $x > 2$
- 26) $x \leq 9$
- 27) $x > 2$
- 28) $x < 8$
- 29) $x > 1$
- 30) $x < 7$

Solving Inequalities- Solution 2

- 1) $x < 4$
- 2) $x > 7$
- 3) $x \leq 3$
- 4) $x > 7$
- 5) $x < 3$
- 6) $x \leq 4$
- 7) $x \leq 4$
- 8) $x \geq 1$
- 9) $x \geq 5$
- 10) $x > 9$
- 11) $x \geq 7$
- 12) $x \leq 4$
- 13) $x < 6$
- 14) $x < 8$
- 15) $x \geq 3$
- 16) $x \leq 8$
- 17) $x > 2$
- 18) $x \geq 1$
- 19) $x \leq 7$
- 20) $x \leq 6$
- 21) $x > 1$
- 22) $x < 9$
- 23) $x \leq 2$
- 24) $x \geq 2$
- 25) $x > 2$
- 26) $x \leq 9$
- 27) $x > 2$
- 28) $x < 8$
- 29) $x > 1$
- 30) $x < 7$

Solving Inequalities- Solution 3

- 1) $x < 4$
- 2) $x > 7$
- 3) $x \leq 3$
- 4) $x > 7$
- 5) $x < 3$
- 6) $x \leq 4$
- 7) $x \leq 4$
- 8) $x \geq 1$
- 9) $x \geq 5$
- 10) $x > 9$
- 11) $x \geq 7$
- 12) $x \leq 4$
- 13) $x < 6$
- 14) $x < 8$
- 15) $x \geq 3$
- 16) $x \leq 8$
- 17) $x > 2$
- 18) $x \geq 1$
- 19) $x \leq 7$
- 20) $x \leq 6$
- 21) $x > 1$
- 22) $x < 9$
- 23) $x \leq 2$
- 24) $x \geq 2$
- 25) $x > 2$
- 26) $x \leq 9$
- 27) $x > 2$
- 28) $x < 8$
- 29) $x > 1$
- 30) $x < 7$

Solving Inequalities- Solution 4

- 1) $x < 4$
- 2) $x > 7$
- 3) $x \leq 3$
- 4) $x > 7$
- 5) $x < 3$
- 6) $x \leq 4$
- 7) $x \leq 4$
- 8) $x \geq 1$
- 9) $x \geq 5$
- 10) $x > 9$
- 11) $x \geq 7$
- 12) $x \leq 4$
- 13) $x < 6$
- 14) $x < 8$
- 15) $x \geq 3$
- 16) $x \leq 8$
- 17) $x > 2$
- 18) $x \geq 1$
- 19) $x \leq 7$
- 20) $x \leq 6$
- 21) $x > 1$
- 22) $x < 9$
- 23) $x \leq 2$
- 24) $x \geq 2$
- 25) $x > 2$
- 26) $x \leq 9$
- 27) $x > 2$
- 28) $x < 8$
- 29) $x > 1$
- 30) $x < 7$

Factoring Basic Quadratic Equations- Solution 1

- 1) $(x + 7)(x + 6)$
- 2) $(x + 5)(x + 8)$
- 3) $(x + 10)(x + 1)$
- 4) $(x + 1)(x - 3)$
- 5) $(x - 5)(x + 7)$
- 6) $(x + 9)(x - 5)$
- 7) $(x - 6)(x + 4)$
- 8) $(x + 5)(x + 7)$
- 9) $(x - 5)(x + 10)$
- 10) $(x + 4)(x + 1)$
- 11) $(x + 7)(x - 3)$
- 12) $(x + 1)(x + 3)$
- 13) $(x - 7)(x - 5)$
- 14) $(x + 7)(x - 7)$
- 15) $(x - 10)(x - 9)$
- 16) $(x - 6)(x + 5)$
- 17) $(x + 1)(x + 10)$
- 18) $(x - 10)(x + 3)$
- 19) $(x + 6)(x - 9)$
- 20) $(x + 2)(x + 4)$
- 21) $(x - 10)(x + 7)$
- 22) $(x + 2)(x + 1)$
- 23) $(x - 4)(x + 6)$
- 24) $(x + 3)(x - 6)$
- 25) $(x + 4)(x + 8)$
- 26) $(x + 2)(x - 10)$
- 27) $(x - 1)(x + 3)$
- 28) $(x + 10)(x + 10)$
- 29) $(x + 1)(x + 7)$
- 30) $(x - 6)(x - 7)$

Factoring Basic Quadratic Equations- Solution 2

- 1) $(x + 7)(x + 6)$
- 2) $(x + 5)(x + 8)$
- 3) $(x + 10)(x + 1)$
- 4) $(x + 1)(x - 3)$
- 5) $(x - 5)(x + 7)$
- 6) $(x + 9)(x - 5)$
- 7) $(x - 6)(x + 4)$
- 8) $(x + 5)(x + 7)$
- 9) $(x - 5)(x + 10)$
- 10) $(x + 4)(x + 1)$
- 11) $(x + 7)(x - 3)$
- 12) $(x + 1)(x + 3)$
- 13) $(x - 7)(x - 5)$
- 14) $(x + 7)(x - 7)$
- 15) $(x - 10)(x - 9)$
- 16) $(x - 6)(x + 5)$
- 17) $(x + 1)(x + 10)$
- 18) $(x - 10)(x + 3)$
- 19) $(x + 6)(x - 9)$
- 20) $(x + 2)(x + 4)$
- 21) $(x - 10)(x + 7)$
- 22) $(x + 2)(x + 1)$
- 23) $(x - 4)(x + 6)$
- 24) $(x + 3)(x - 6)$
- 25) $(x + 4)(x + 8)$
- 26) $(x + 2)(x - 10)$
- 27) $(x - 1)(x + 3)$
- 28) $(x + 10)(x + 10)$
- 29) $(x + 1)(x + 7)$
- 30) $(x - 6)(x - 7)$

Factoring Basic Quadratic Equations- Solution 3

- 1) $(x + 7)(x + 6)$
- 2) $(x + 5)(x + 8)$
- 3) $(x + 10)(x + 1)$
- 4) $(x + 1)(x - 3)$
- 5) $(x - 5)(x + 7)$
- 6) $(x + 9)(x - 5)$
- 7) $(x - 6)(x + 4)$
- 8) $(x + 5)(x + 7)$
- 9) $(x - 5)(x + 10)$
- 10) $(x + 4)(x + 1)$
- 11) $(x + 7)(x - 3)$
- 12) $(x + 1)(x + 3)$
- 13) $(x - 7)(x - 5)$
- 14) $(x + 7)(x - 7)$
- 15) $(x - 10)(x - 9)$
- 16) $(x - 6)(x + 5)$
- 17) $(x + 1)(x + 10)$
- 18) $(x - 10)(x + 3)$
- 19) $(x + 6)(x - 9)$
- 20) $(x + 2)(x + 4)$
- 21) $(x - 10)(x + 7)$
- 22) $(x + 2)(x + 1)$
- 23) $(x - 4)(x + 6)$
- 24) $(x + 3)(x - 6)$
- 25) $(x + 4)(x + 8)$
- 26) $(x + 2)(x - 10)$
- 27) $(x - 1)(x + 3)$
- 28) $(x + 10)(x + 10)$
- 29) $(x + 1)(x + 7)$
- 30) $(x - 6)(x - 7)$

Factoring Basic Quadratic Equations- Solution 4

- 1) $(x + 7)(x + 6)$
- 2) $(x + 5)(x + 8)$
- 3) $(x + 10)(x + 1)$
- 4) $(x + 1)(x - 3)$
- 5) $(x - 5)(x + 7)$
- 6) $(x + 9)(x - 5)$
- 7) $(x - 6)(x + 4)$
- 8) $(x + 5)(x + 7)$
- 9) $(x - 5)(x + 10)$
- 10) $(x + 4)(x + 1)$
- 11) $(x + 7)(x - 3)$
- 12) $(x + 1)(x + 3)$
- 13) $(x - 7)(x - 5)$
- 14) $(x + 7)(x - 7)$
- 15) $(x - 10)(x - 9)$
- 16) $(x - 6)(x + 5)$
- 17) $(x + 1)(x + 10)$
- 18) $(x - 10)(x + 3)$
- 19) $(x + 6)(x - 9)$
- 20) $(x + 2)(x + 4)$
- 21) $(x - 10)(x + 7)$
- 22) $(x + 2)(x + 1)$
- 23) $(x - 4)(x + 6)$
- 24) $(x + 3)(x - 6)$
- 25) $(x + 4)(x + 8)$
- 26) $(x + 2)(x - 10)$
- 27) $(x - 1)(x + 3)$
- 28) $(x + 10)(x + 10)$
- 29) $(x + 1)(x + 7)$
- 30) $(x - 6)(x - 7)$

Factoring Advanced Quadratic Equations- Solution 1

- 1) $(-6x - 7)(-1x - 5)$
- 2) $(-4x - 4)(-1x - 4)$
- 3) $(4x + 9)(2x - 8)$
- 4) $(5x - 7)(2x - 5)$
- 5) $(3x - 5)(-2x + 3)$
- 6) $(4x - 5)(5x - 6)$
- 7) $(-2x - 3)(-5x + 8)$
- 8) $(-3x - 5)(2x + 7)$
- 9) $(-5x + 3)(-4x - 10)$
- 10) $(-5x - 10)(-2x + 1)$
- 11) $(4x - 3)(-4x + 9)$
- 12) $(-4x - 1)(1x + 5)$
- 13) $(-4x - 9)(-3x - 1)$
- 14) $(-2x - 2)(1x - 7)$
- 15) $(-2x + 7)(-5x + 2)$
- 16) $(-1x - 9)(3x + 5)$
- 17) $(2x + 3)(1x - 7)$
- 18) $(3x - 5)(4x + 2)$
- 19) $(-1x + 4)(3x - 6)$
- 20) $(-6x - 10)(-6x + 8)$
- 21) $(-4x - 4)(-1x - 3)$
- 22) $(4x + 9)(3x + 5)$
- 23) $(2x - 2)(-5x + 9)$
- 24) $(5x - 10)(-3x - 1)$
- 25) $(1x + 6)(-4x - 3)$
- 26) $(-4x + 6)(-1x + 1)$
- 27) $(4x + 7)(6x - 7)$
- 28) $(5x + 5)(-6x + 4)$
- 29) $(-1x - 2)(4x + 3)$
- 30) $(-2x - 7)(2x - 5)$

Factoring Advanced Quadratic Equations- Solution 2

- 1) $(-6x - 7)(-1x - 5)$
- 2) $(-4x - 4)(-1x - 4)$
- 3) $(4x + 9)(2x - 8)$
- 4) $(5x - 7)(2x - 5)$
- 5) $(3x - 5)(-2x + 3)$
- 6) $(4x - 5)(5x - 6)$
- 7) $(-2x - 3)(-5x + 8)$
- 8) $(-3x - 5)(2x + 7)$
- 9) $(-5x + 3)(-4x - 10)$
- 10) $(-5x - 10)(-2x + 1)$
- 11) $(4x - 3)(-4x + 9)$
- 12) $(-4x - 1)(1x + 5)$
- 13) $(-4x - 9)(-3x - 1)$
- 14) $(-2x - 2)(1x - 7)$
- 15) $(-2x + 7)(-5x + 2)$
- 16) $(-1x - 9)(3x + 5)$
- 17) $(2x + 3)(1x - 7)$
- 18) $(3x - 5)(4x + 2)$
- 19) $(-1x + 4)(3x - 6)$
- 20) $(-6x - 10)(-6x + 8)$
- 21) $(-4x - 4)(-1x - 3)$
- 22) $(4x + 9)(3x + 5)$
- 23) $(2x - 2)(-5x + 9)$
- 24) $(5x - 10)(-3x - 1)$
- 25) $(1x + 6)(-4x - 3)$
- 26) $(-4x + 6)(-1x + 1)$
- 27) $(4x + 7)(6x - 7)$
- 28) $(5x + 5)(-6x + 4)$
- 29) $(-1x - 2)(4x + 3)$
- 30) $(-2x - 7)(2x - 5)$

Factoring Advanced Quadratic Equations- Solution 3

- 1) $(-6x-7)(-1x-5)$
- 2) $(-4x-4)(-1x-4)$
- 3) $(4x+9)(2x-8)$
- 4) $(5x-7)(2x-5)$
- 5) $(3x-5)(-2x+3)$
- 6) $(4x-5)(5x-6)$
- 7) $(-2x-3)(-5x+8)$
- 8) $(-3x-5)(2x+7)$
- 9) $(-5x+3)(-4x-10)$
- 10) $(-5x-10)(-2x+1)$
- 11) $(4x-3)(-4x+9)$
- 12) $(-4x-1)(1x+5)$
- 13) $(-4x-9)(-3x-1)$
- 14) $(-2x-2)(1x-7)$
- 15) $(-2x+7)(-5x+2)$
- 16) $(-1x-9)(3x+5)$
- 17) $(2x+3)(1x-7)$
- 18) $(3x-5)(4x+2)$
- 19) $(-1x+4)(3x-6)$
- 20) $(-6x-10)(-6x+8)$
- 21) $(-4x-4)(-1x-3)$
- 22) $(4x+9)(3x+5)$
- 23) $(2x-2)(-5x+9)$
- 24) $(5x-10)(-3x-1)$
- 25) $(1x+6)(-4x-3)$
- 26) $(-4x+6)(-1x+1)$
- 27) $(4x+7)(6x-7)$
- 28) $(5x+5)(-6x+4)$
- 29) $(-1x-2)(4x+3)$
- 30) $(-2x-7)(2x-5)$

Factoring Advanced Quadratic Equations- Solution 4

- 1) $(-6x-7)(-1x-5)$
- 2) $(-4x-4)(-1x-4)$
- 3) $(4x+9)(2x-8)$
- 4) $(5x-7)(2x-5)$
- 5) $(3x-5)(-2x+3)$
- 6) $(4x-5)(5x-6)$
- 7) $(-2x-3)(-5x+8)$
- 8) $(-3x-5)(2x+7)$
- 9) $(-5x+3)(-4x-10)$
- 10) $(-5x-10)(-2x+1)$
- 11) $(4x-3)(-4x+9)$
- 12) $(-4x-1)(1x+5)$
- 13) $(-4x-9)(-3x-1)$
- 14) $(-2x-2)(1x-7)$
- 15) $(-2x+7)(-5x+2)$
- 16) $(-1x-9)(3x+5)$
- 17) $(2x+3)(1x-7)$
- 18) $(3x-5)(4x+2)$
- 19) $(-1x+4)(3x-6)$
- 20) $(-6x-10)(-6x+8)$
- 21) $(-4x-4)(-1x-3)$
- 22) $(4x+9)(3x+5)$
- 23) $(2x-2)(-5x+9)$
- 24) $(5x-10)(-3x-1)$
- 25) $(1x+6)(-4x-3)$
- 26) $(-4x+6)(-1x+1)$
- 27) $(4x+7)(6x-7)$
- 28) $(5x+5)(-6x+4)$
- 29) $(-1x-2)(4x+3)$
- 30) $(-2x-7)(2x-5)$

Finding the Equation of a Line- Solution 1

- 1) $y=4x + -1$
- 2) $y=-6x + 5$
- 3) $y=4x + -5$
- 4) $y=8x + -6$
- 5) $y=4x + -4$
- 6) $y=8x + 1$
- 7) $y=-2x + 7$
- 8) $y=-5x + -3$
- 9) $y=9x + -4$
- 10) $y=5x + 2$

Finding the Equation of a Line- Solution 2

- 1) $y=4x + -1$
- 2) $y=-6x + 5$
- 3) $y=4x + -5$
- 4) $y=8x + -6$
- 5) $y=4x + -4$
- 6) $y=8x + 1$
- 7) $y=-2x + 7$
- 8) $y=-5x + -3$
- 9) $y=9x + -4$
- 10) $y=5x + 2$

Finding the Equation of a Line- Solution 3

- 1) $y=4x + -1$
- 2) $y=-6x + 5$
- 3) $y=4x + -5$
- 4) $y=8x + -6$
- 5) $y=4x + -4$
- 6) $y=8x + 1$
- 7) $y=-2x + 7$
- 8) $y=-5x + -3$
- 9) $y=9x + -4$
- 10) $y=5x + 2$

Finding the Equation of a Line- Solution 4

- 1) $y=4x + -1$
- 2) $y=-6x + 5$
- 3) $y=4x + -5$
- 4) $y=8x + -6$
- 5) $y=4x + -4$
- 6) $y=8x + 1$
- 7) $y=-2x + 7$
- 8) $y=-5x + -3$
- 9) $y=9x + -4$
- 10) $y=5x + 2$