Name_____.
Date: _____

This is a timed test. Only allow only 10 minutes to complete.

Algebra 1 Readiness Test

Part 1 Operation with Integers

Addition and Subtraction

1. $-8-(-2)=$ _____	**6.** $-6-(-5)=$ _____
2. $-6-5=$ _____	**7.** $-5-10=$ _____
3. $12-(-9)=$ _____	**8.** **3** $-(-5)=$ _____
4. $8-25=$ _____	**9.** **12** $-18=$ _____
5. $-7+5=$ _____	**10.** $-6+10=$ _____

Multiplication and Division

1. $-6 * -7=$ _____	**6.** $-35 / -5=$ _____
2. $8 * -9=$ _____	**7.** $-56 / -7=$ _____
3. $-9 * 6=$ _____	**8.** $-35 / -5=$ _____
4. $7 * 12=$ _____	**9.** $48 / 6=$ _____
5. $-9 * -4=$ _____	10. $-72 / -8=$ _____

Perfect Squares

$1 * 1=$ _____	$6 * 6=$ _____
$2 * 2=$ _____	$7 * 7=$ _____
$3 * 3=$ _____	$8 * 8=$ _____
$4 * 4=$ _____	$9 * 9=$ _____
$5 * 5=$ _____	$10 * 10=$ _____

Slope intercept form

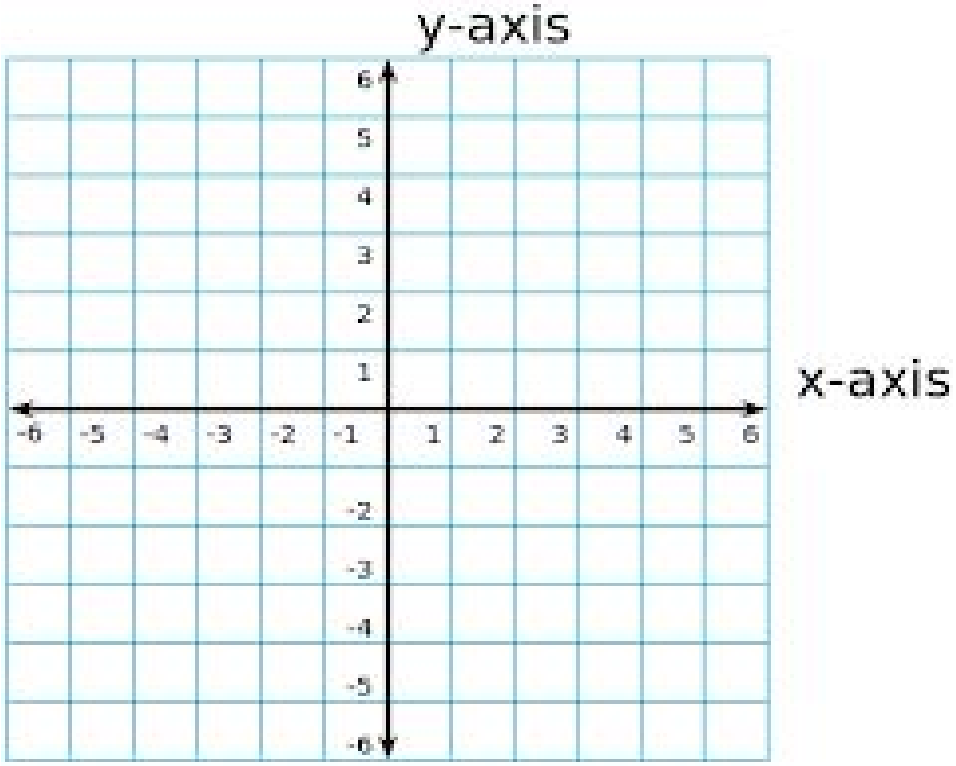
For question 1 -3 Consider the equation $y = 3x - 6$

1. **What is the y-intercept? _____**
2. **What is the slope? _____**
3. **What is the x – intercept? _____**

For Questions 4 – 6 Consider the equation $6x + 3y = 12$

4. **What is the y-intercept? _____**
5. **What is the slope? _____**
6. **What is the x-intercept? _____**

7. **Use the graph to graph the linear function** $y = \frac{1}{2}x - 2$



Solve for x

8. $3x + 14 = 26.\ x =$ _____
9. $2x + 3x = 15.\ x =$ _____
10. $9x - 4 = 32.\ x =$ _____

Algebra 1 Readiness Packet. IXL.COM (Receive a 100% smart score on each skill)

8th Grade: C.1 Interger addition and Subtraction Rules C3, C4, C6,
8th Grade: C.3 Add and subtract intergers
8th Grade: C.4 Add and subtract three or more integers
8th Grade: C.6 Integer multiplication and division rules
8th Grade: C.7 Multiply and divide integers
8th Grade: D. 1 Write fraction in lowest terms
8th Grade: D.3 Round decimals and mixed numbers
8th Grade: D.4 Convert between decimals and fractions or mixed numbers
8th Grade: D.8 Put rational numbers in order
8th Grade: F.2 Evaluate exponents
8th Grade: J.1 Convert between percents, fractions and decimals
8th Grade: K.7 Sale prices: find the original price
8th Grade: W.8 Solve two-step equations
8th Grade: Y.11 Convert a linear equation in standard form to slope-intercept form
8th Grade: Y-6: Graph a line from an equation in slope-intercept form
8th Grade: BB. 4 Add and subtract polynomials
8th Grade: BB.8 Multiply and divide monomials

 Name_____

Adding/Subtracting Integers

Date_____ Period____

Find each sum.

1) $(-12) + 7$

2) $(-10) + (-7)$

3) $(-6) + 12$

4) $8 + 7$

5) $3 + 4$

6) $(-45) + 9$

7) $(-1) + (-46)$

8) $(-30) + 10$

9) $(-34) + 50$

10) $38 + (-5)$

Find each difference.

11) $2 - (-2)$

12) $(-1) - 10$

13) $8 - 7$

14) $(-8) - (-6)$

15) $11 - 4$

16) $48 - (-31)$

17) $18 - 41$

18) $(-38) - 30$

19) $(-1) - (-3)$

20) $(-1) - (-40)$

Evaluate each expression.

21) $(-10) - 47$

22) $(-29) - 29$

23) $13 + (-29)$

24) $38 + 22$

25) $(-32) - 44$

26) $(-12) + (-11)$

27) $2 + 15 + 4$

28) $16 + (-13) + 5$

29) $2 - (-9) - 8$

30) $10 + 3 - (-8)$

Kuta Software - Infinite Pre-Algebra

Name_____

Adding/Subtracting Integers

Date_____ Period____

Find each sum.

1) $(-12) + 7$

-5

2) $(-10) + (-7)$

-17

3) $(-6) + 12$

6

4) $8 + 7$

15

5) $3 + 4$

7

6) $(-45) + 9$

-36

7) $(-1) + (-46)$

-47

8) $(-30) + 10$

-20

9) $(-34) + 50$

16

10) $38 + (-5)$

33

Find each difference.

11) $2 - (-2)$

4

12) $(-1) - 10$

-11

13) $8 - 7$

1

14) $(-8) - (-6)$

-2

15) $11 - 4$

7

16) $48 - (-31)$

79

17) $18 - 41$

-23

18) $(-38) - 30$

-68

19) $(-1) - (-3)$

2

20) $(-1) - (-40)$

39

Evaluate each expression.

21) $(-10) - 47$

-57

22) $(-29) - 29$

-58

23) $13 + (-29)$

-16

24) $38 + 22$

60

25) $(-32) - 44$

-76

26) $(-12) + (-11)$

-23

27) $2 + 15 + 4$

21

28) $16 + (-13) + 5$

8

29) $2 - (-9) - 8$

3

30) $10 + 3 - (-8)$

21

 Name_____

Adding and Subtracting Polynomials

Date_____ Period____

Simplify each expression.

1) $(5 + 5n^3) - (1 - 3n^3)$

2) $(6a - 3a^2) + (2a^2 - 3a)$

3) $(x^2 - x) + (8x - 2x^2)$

4) $(2a^2 + 4a^3) - (3a^3 + 8)$

5) $(5x^2 + 4) - (5 + 5x^3)$

6) $(8n^2 - 2n^3) + (6n^3 - 8n^2)$

7) $(8b^3 + 8) - (6 - 7b^3)$

8) $(4x^3 - 6) + (5x^3 + 3)$

9) $(10p^4 + 11) - (11p^4 + 13 + 16p^2)$

10) $(20v^2 - 9v^3) - (7v^3 - 10v^4 - 14v^2)$

11) $(10x^4 - 16) + (12 - 6x^3 + 11x^4)$

12) $(14 + 12a^3) + (17a^4 + 15 - 5a^3)$

13) $(17v^2 - 8) + (17v^2 + 10 + v^3)$

14) $(20n + 11n^4) - (15n + 16n^2 - 17n^4)$

15) $(10k^4 + 17k^3) - (14k^3 - 2k + 9k^4)$

16) $(9r + 6r^4) + (12r - 2r^4 - 17)$

17) $(6r + 2 + 8r^3) - (5r^3 - 11 - 8r^5) - (6r + 9r^5)$

18) $(9a^4 + 1 - 11a^2) - (a + 8a^2 + 2) - (6a^2 - 9)$

19) $(9k - 9 - 12k^4) - (4k + k^4 + 4) - (10 + 7k)$

20) $(8x^4 - 12 + 3x) - (9x^4 + 7 - 11x) + (9x + 8)$

21) $(7r^2 + r^3 - 3) + (6r^3 - 3r^2 + 10) + (2 + r^2)$

22) $(10x + 8x^5 - 2) + (12 + x - 6x^4) - (x^4 - x^2)$

23) $(p^4 + 8p + 6) + (7p - 3p^4 + 6) - (10 + 10p)$

24) $(9n^5 + 2n - 11) - (11n - 7n^5 + 3) - (5 + 7n)$

Name_____

Adding and Subtracting Polynomials

Date_____ Period____

Simplify each expression.

1) $(5 + 5n^3) - (1 - 3n^3)$

$8n^3 + 4$

2) $(6a - 3a^2) + (2a^2 - 3a)$

$-a^2 + 3a$

3) $(x^2 - x) + (8x - 2x^2)$

$-x^2 + 7x$

4) $(2a^2 + 4a^3) - (3a^3 + 8)$

$a^3 + 2a^2 - 8$

5) $(5x^2 + 4) - (5 + 5x^3)$

$-5x^3 + 5x^2 - 1$

6) $(8n^2 - 2n^3) + (6n^3 - 8n^2)$

$4n^3$

7) $(8b^3 + 8) - (6 - 7b^3)$

$15b^3 + 2$

8) $(4x^3 - 6) + (5x^3 + 3)$

$9x^3 - 3$

9) $(10p^4 + 11) - (11p^4 + 13 + 16p^2)$

$-p^4 - 16p^2 - 2$

10) $(20v^2 - 9v^3) - (7v^3 - 10v^4 - 14v^2)$

$10v^4 - 16v^3 + 34v^2$

11) $(10x^4 - 16) + (12 - 6x^3 + 11x^4)$

$21x^4 - 6x^3 - 4$

12) $(14 + 12a^3) + (17a^4 + 15 - 5a^3)$

$17a^4 + 7a^3 + 29$

13) $(17v^2 - 8) + (17v^2 + 10 + v^3)$

$v^3 + 34v^2 + 2$

14) $(20n + 11n^4) - (15n + 16n^2 - 17n^4)$

$28n^4 - 16n^2 + 5n$

15) $(10k^4 + 17k^3) - (14k^3 - 2k + 9k^4)$

$k^4 + 3k^3 + 2k$

16) $(9r + 6r^4) + (12r - 2r^4 - 17)$

$4r^4 + 21r - 17$

17) $(6r + 2 + 8r^3) - (5r^3 - 11 - 8r^5) - (6r + 9r^5)$

$-r^5 + 3r^3 + 13$

18) $(9a^4 + 1 - 11a^2) - (a + 8a^2 + 2) - (6a^2 - 9)$

$9a^4 - 25a^2 - a + 8$

19) $(9k - 9 - 12k^4) - (4k + k^4 + 4) - (10 + 7k)$

$-13k^4 - 2k - 23$

20) $(8x^4 - 12 + 3x) - (9x^4 + 7 - 11x) + (9x + 8)$

$-x^4 + 23x - 11$

21) $(7r^2 + r^3 - 3) + (6r^3 - 3r^2 + 10) + (2 + r^2)$

$7r^3 + 5r^2 + 9$

22) $(10x + 8x^5 - 2) + (12 + x - 6x^4) - (x^4 - x^2)$

$8x^5 - 7x^4 + x^2 + 11x + 10$

23) $(p^4 + 8p + 6) + (7p - 3p^4 + 6) - (10 + 10p)$

$-2p^4 + 5p + 2$

24) $(9n^5 + 2n - 11) - (11n - 7n^5 + 3) - (5 + 7n)$

$16n^5 - 16n - 19$

 Name_____

Dividing Integers

Date_____ Period____

Find each quotient.

1) $35 \div -5$

2) $-8 \div 4$

3) $-24 \div 4$

4) $-8 \div -2$

5) $8 \div 4$

6) $-24 \div 8$

7) $-21 \div 7$

8) $6 \div -6$

9) $-132 \div -11$

10) $-60 \div -15$

11) $-52 \div -4$

12) $60 \div 12$

13) $6 \div -1$

14) $75 \div 15$

15) $65 \div -13$

16) $12 \div 4$

17) $-168 \div -12$

18) $-8 \div 2$

19) $\frac{-105}{7}$

20) $\frac{-4}{-1}$

21) $\frac{-10}{-2}$

22) $\frac{-144}{12}$

23) $\frac{24}{-12}$

24) $\frac{60}{-15}$

 Name_____

Dividing Integers

Date_____ Period____

Find each quotient.

1) $35 \div -5$

-7

2) $-8 \div 4$

-2

3) $-24 \div 4$

-6

4) $-8 \div -2$

4

5) $8 \div 4$

2

6) $-24 \div 8$

-3

7) $-21 \div 7$

-3

8) $6 \div -6$

-1

9) $-132 \div -11$

12

10) $-60 \div -15$

4

11) $-52 \div -4$

13

12) $60 \div 12$

5

13) $6 \div -1$

-6

14) $75 \div 15$

5

15) $65 \div -13$

-5

16) $12 \div 4$

3

17) $-168 \div -12$

14

18) $-8 \div 2$

-4

19) $\frac{-105}{7}$

-15

20) $\frac{-4}{-1}$

4

21) $\frac{-10}{-2}$

5

22) $\frac{-144}{12}$

-12

23) $\frac{24}{-12}$

-2

24) $\frac{60}{-15}$

-4

 Name_____

Divisibility and Factors

Date_____ Period____

State if the first number is divisible by the second number.

1) 60 by 2

2) 49 by 6

3) 92 by 10

4) 72 by 6

5) 66 by 3

6) 72 by 3

7) 684 by 9

8) 555 by 3

9) 608 by 2

10) 767 by 9

11) 708 by 6

12) 780 by 10

Each number is divisible by which of the following: 2, 3, 5, 6, 9, 10?

13) 319

14) 411

15) 455

16) 414

17) 382

18) 256

19) 492

20) 410

21) 297

22) 425

23) 9942

24) 8938

25) 7613

26) 7849

 Name_____

Divisibility and Factors

Date_____ Period____

State if the first number is divisible by the second number.

1) 60 by 2

Yes

2) 49 by 6

No

3) 92 by 10

No

4) 72 by 6

Yes

5) 66 by 3

Yes

6) 72 by 3

Yes

7) 684 by 9

Yes

8) 555 by 3

Yes

9) 608 by 2

Yes

10) 767 by 9

No

11) 708 by 6

Yes

12) 780 by 10

Yes

Each number is divisible by which of the following: 2, 3, 5, 6, 9, 10?

13) 319

None

14) 411

3

15) 455

5

16) 414

2, 3, 6, 9

17) 382

2

18) 256

2

19) 492

2, 3, 6

20) 410

2, 5, 10

21) 297

3, 9

22) 425

5

23) 9942

2, 3, 6

24) 8938

2

25) 7613

None

26) 7849

None

Fractions, Decimals, and Percents

Date_____ Period____

Write each as a decimal. Round to the thousandths place.

1) 90%

2) 30%

3) 115.9%

4) 9%

5) 7%

6) 65%

7) 0.3%

8) 445%

Write each as a percent. Round to the nearest tenth of a percent.

9) 0.452

10) 0.006

11) 0.002

12) 0.05

13) 4.78

14) 0.1

15) 3.63

16) 0.03

Write each as a fraction.

17) 25%

18) 70%

19) 93%

20) 58%

21) 50%

22) $66.\overline{6}\%$

23) 20%

24) 80%

25) 71%

26) 30%

Write each as a percent. Use repeating decimals when necessary.

27) $\frac{1}{2}$

28) $\frac{1}{8}$

29) $\frac{2}{3}$

30) $\frac{1}{100}$

31) $2\frac{1}{10}$

32) $\frac{3}{8}$

33) $\frac{1}{10}$

34) $\frac{87}{100}$

 Name_____

Fractions, Decimals, and Percents

Date_____ Period____

Write each as a decimal. Round to the thousandths place.

1) 90%

0.9

2) 30%

0.3

3) 115.9%

1.159

4) 9%

0.09

5) 7%

0.07

6) 65%

0.65

7) 0.3%

0.003

8) 445%

4.45

Write each as a percent. Round to the nearest tenth of a percent.

9) 0.452

45.2%

10) 0.006

0.6%

11) 0.002

0.2%

12) 0.05

5%

13) 4.78

478%

14) 0.1

10%

15) 3.63

363%

16) 0.03

3%

Write each as a fraction.

17) 25%

$\frac{1}{4}$

18) 70%

$\frac{7}{10}$

19) 93%

$\frac{93}{100}$

20) 58%

$\frac{29}{50}$

21) 50%

$\frac{1}{2}$

22) $66.\overline{6}\%$

$\frac{2}{3}$

23) 20%

$\frac{1}{5}$

24) 80%

$\frac{4}{5}$

25) 71%

$\frac{71}{100}$

26) 30%

$\frac{3}{10}$

Write each as a percent. Use repeating decimals when necessary.

27) $\frac{1}{2}$

50%

28) $\frac{1}{8}$

12.5%

29) $\frac{2}{3}$

$66.\overline{6}\%$

30) $\frac{1}{100}$

1%

31) $2\frac{1}{10}$

210%

32) $\frac{3}{8}$

37.5%

33) $\frac{1}{10}$

10%

34) $\frac{87}{100}$

87%

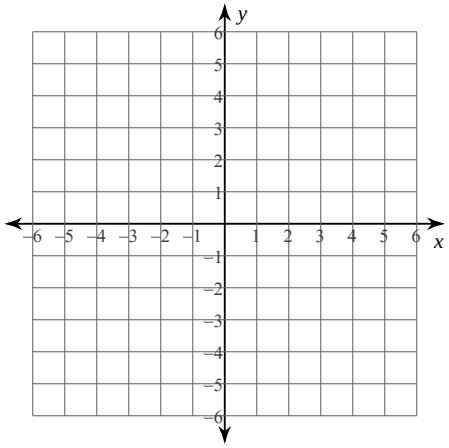
Kuta Software - Infinite Pre-Algebra Name_____

Graphing Lines in Slope-Intercept Form

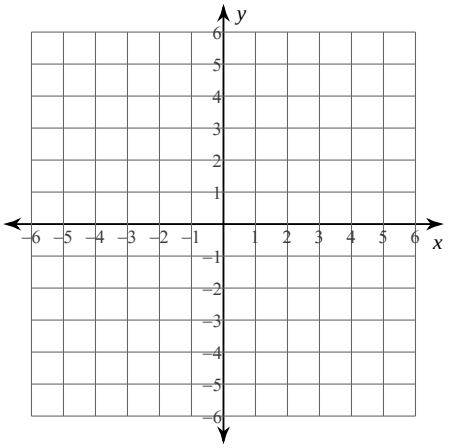
Date_____ Period____

Sketch the graph of each line.

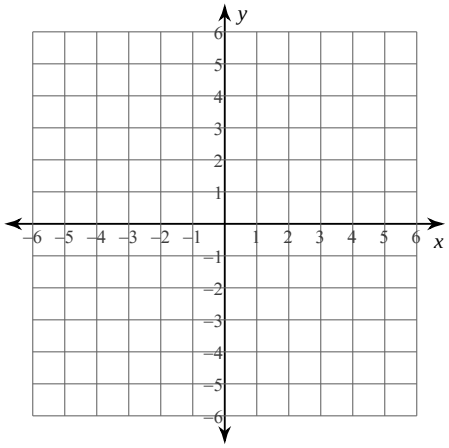
1) $y = \frac{1}{4}x - 1$



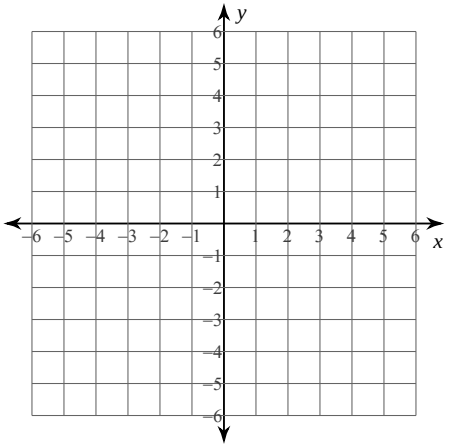
2) $y = -x + 2$



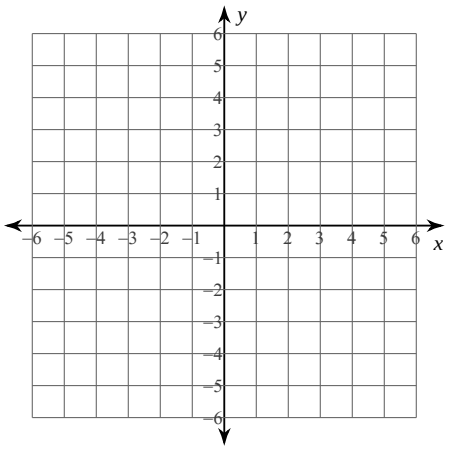
3) $y = x + 1$



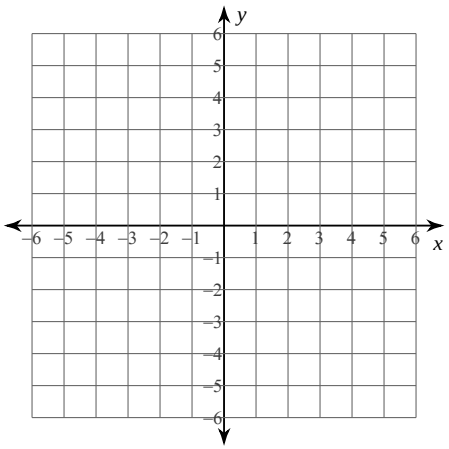
4) $y = \frac{4}{3}x - 4$



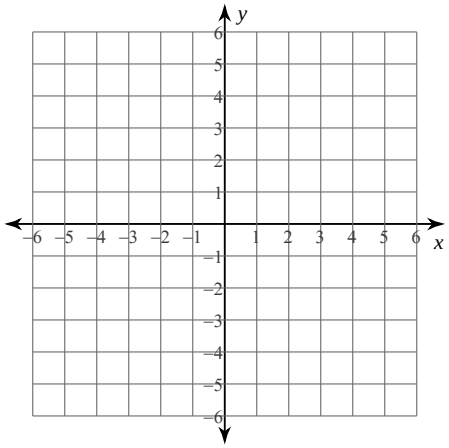
5) $y = -3x - 3$



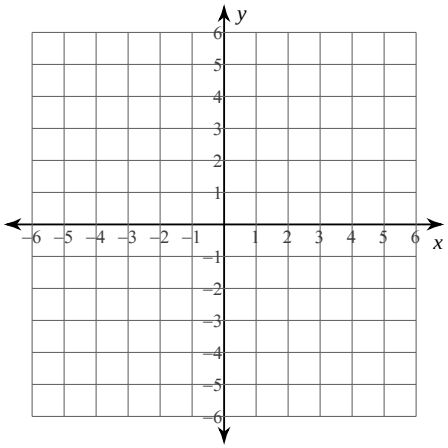
6) $y = 4$



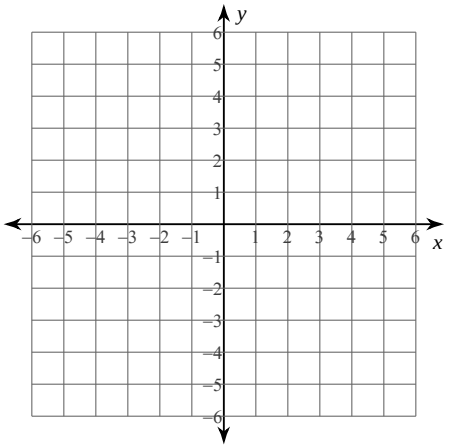
7) $y = \frac{3}{5}x - 1$



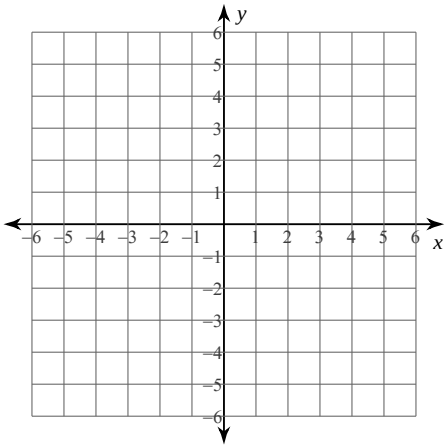
8) $x = 5$



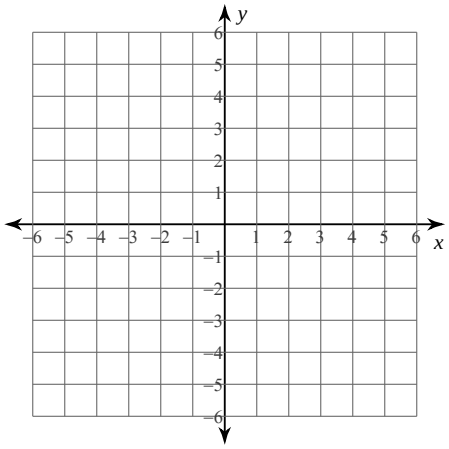
9) $y = 3$



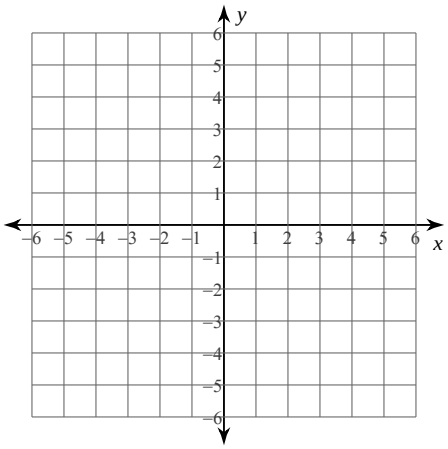
10) $y = 3x - 2$



11) $y = 4x + 3$



12) $y = \frac{6}{5}x + 5$



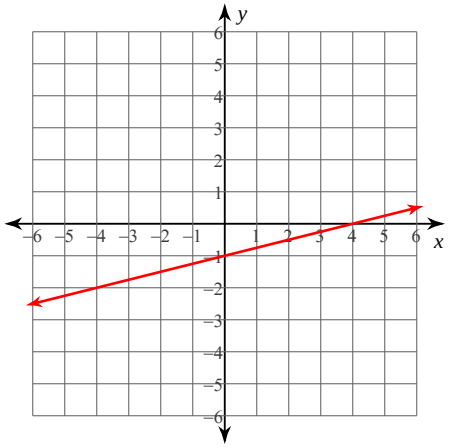
 Name_____

Graphing Lines in Slope-Intercept Form

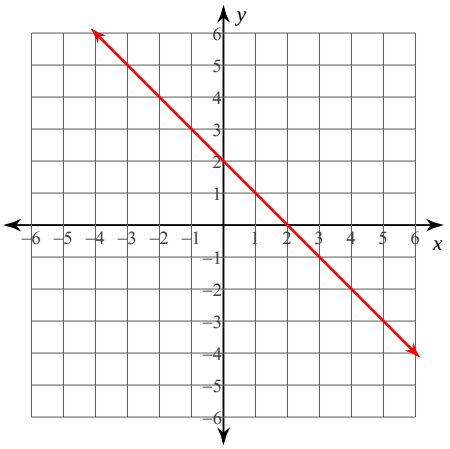
Date_____ Period____

Sketch the graph of each line.

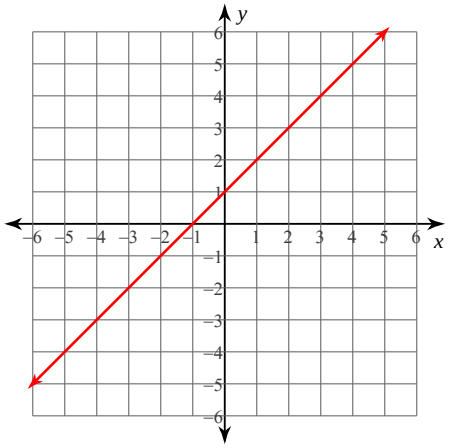
1) $y = \frac{1}{4}x - 1$



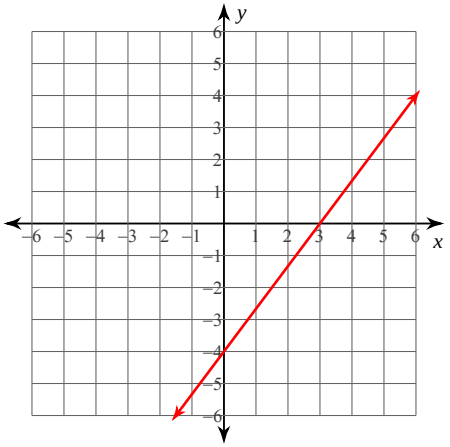
2) $y = -x + 2$



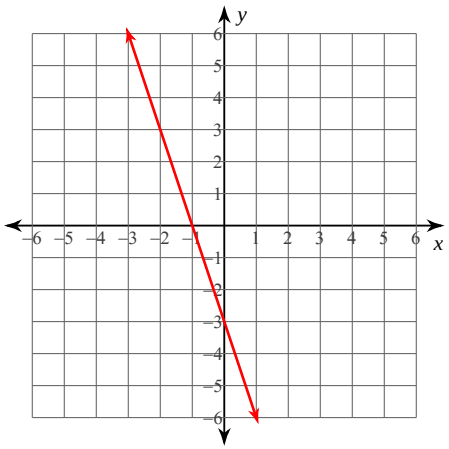
3) $y = x + 1$



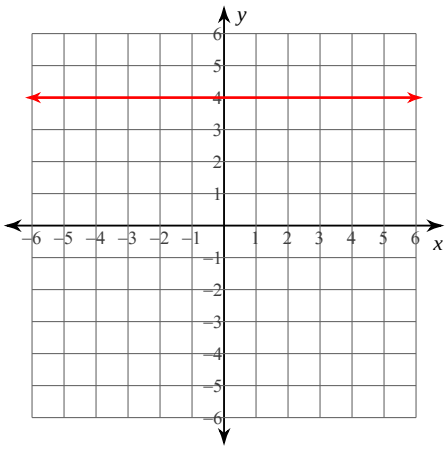
4) $y = \frac{4}{3}x - 4$



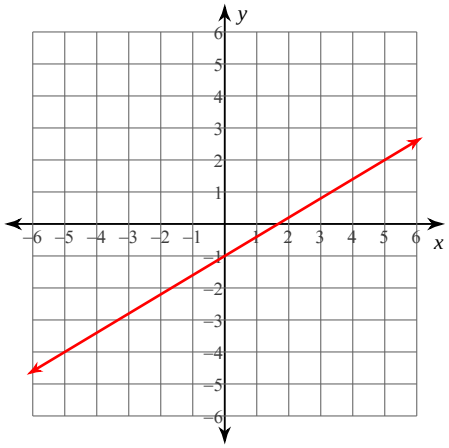
5) $y = -3x - 3$



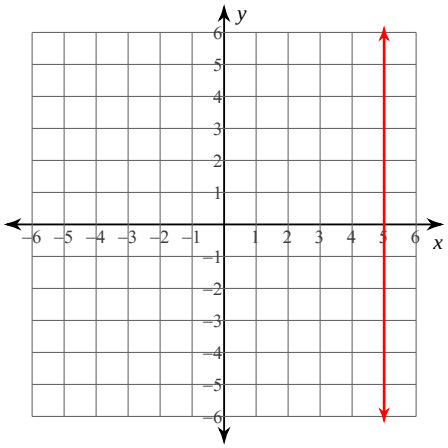
6) $y = 4$



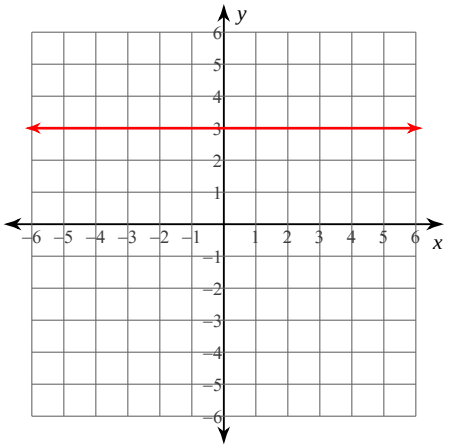
7) $y = \frac{3}{5}x - 1$



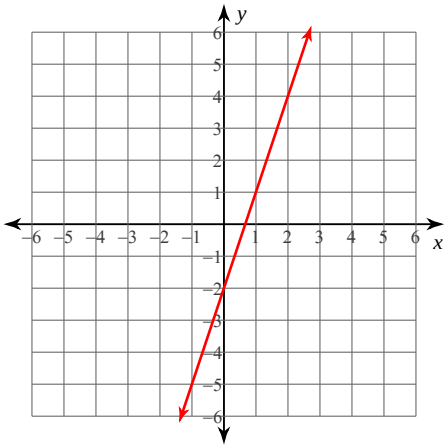
8) $x = 5$



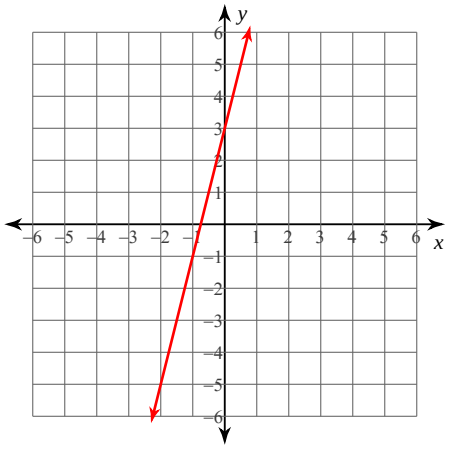
9) $y = 3$



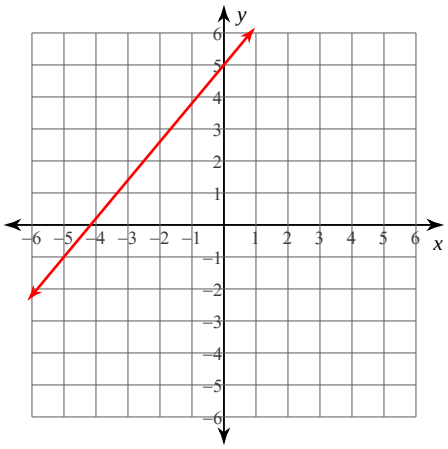
10) $y = 3x - 2$



11) $y = 4x + 3$



12) $y = \frac{6}{5}x + 5$



 Name_____

Multiplying Integers

Date_____ Period____

Find each product.

1) 6×-4

2) 4×2

3) 3×-4

4) -6×4

5) 5×-4

6) -3×4

7) -5×6

8) -2×-1

9) -8×-2

10) 11×12

11) -7×5

12) 9×-6

13) 10×5

14) 9×2

15) -12×7

16) 8×-12

17) $9 \times 10 \times 6$

18) $-6 \times -10 \times -8$

19) $7 \times 9 \times 7$

20) $6 \times 6 \times -2$

21) $-5 \times -4 \times -10$

22) $9 \times 9 \times -5$

23) $8 \times 3 \times 8$

24) $7 \times 5 \times -5$

 Name_____

Multiplying Integers

Date_____ Period____

Find each product.

1) 6×-4

−24

2) 4×2

8

3) 3×-4

−12

4) -6×4

−24

5) 5×-4

−20

6) -3×4

−12

7) -5×6

−30

8) -2×-1

2

9) -8×-2

16

10) 11×12

132

11) -7×5

−35

12) 9×-6

−54

13) 10×5

50

14) 9×2

18

15) -12×7

−84

16) 8×-12

−96

17) $9 \times 10 \times 6$

540

18) $-6 \times -10 \times -8$

−480

19) $7 \times 9 \times 7$

441

20) $6 \times 6 \times -2$

−72

21) $-5 \times -4 \times -10$

−200

22) $9 \times 9 \times -5$

−405

23) $8 \times 3 \times 8$

192

24) $7 \times 5 \times -5$

−175

 Name_____

Naming Decimal Places

Date_____ Period____

Write the name of each decimal place indicated.

1) 72<u>5</u>

2) 7,82<u>3</u>

3) 19<u>9</u>

4) 11,7<u>1</u>7,555

5) 9,053,<u>4</u>96

6) 709,7<u>5</u>8,968

7) 10<u>5</u>,016

8) 43,1<u>0</u>5

9) 8.6835<u>4</u>

10) 9.645<u>6</u>

11) 1.8<u>7</u>605

12) 5.642<u>1</u>41

13) 6.49890

14) 7.111

15) 2.74939

16) 5.2432

17) 32.658297

18) 6,721.86

19) 69,042,020

20) 9.69

21) 537,225.88

22) 469,523.77

23) 3,376,483,008

24) 639,606,650

 Name_____

Naming Decimal Places

Date_____ Period____

Write the name of each decimal place indicated.

1) 72<u>5</u>

ones

2) 7,82<u>3</u>

ones

3) 19<u>9</u>

ones

4) 11,7<u>1</u>7,555

ten thousands

5) 9,053,<u>4</u>96

hundreds

6) 709,7<u>5</u>8,968

ten thousands

7) 10<u>5</u>,016

thousands

8) 43,1<u>0</u>5

tens

9) 8.6835<u>4</u>

ten-thousandths

10) 9.645<u>6</u>

thousandths

11) 1.8<u>7</u>605

hundredths

12) 5.642<u>1</u>41

ten-thousandths

13) 6.49890

ten-thousandths

14) 7.111

tenths

15) 2.74939

hundredths

16) 5.2432

tenths

17) 32.658297

hundred-thousandths

18) 6,721.86

ones

19) 69,042,020

hundred thousands

20) 9.69

tenths

21) 537,225.88

hundreds

22) 469,523.77

hundreds

23) 3,376,483,008

hundred millions

24) 639,606,650

hundred millions

 Name_____

Order of Operations

Date_____ Period____

Evaluate each expression.

1) $(30 - 3) \div 3$

2) $(21 - 5) \div 8$

3) $1 + 7^2$

4) $5 \times 4 - 8$

5) $8 + 6 \times 9$

6) $3 + 17 \times 5$

7) $7 + 12 \times 11$

8) $15 + 40 \div 20$

9) $20 + 16 - 15$

10) $19 - 15 - 3$

11) $9 \times (3 + 3) \div 6$

12) $(9 + 18 - 3) \div 8$

13) $9 + 6 \div (8 - 2)$

14) $4(4 \div 2 + 4)$

15) $6 + (5 + 8) \times 4$

16) $6 \times 6 - (7 + 5)$

17) $(9 \times 2) \div (2 + 1)$

18) $2 - (4 + 3 - 6)$

19) $7 \times 7 - (8 - 2)$

20) $9 - 7 - 6 \div 6$

21) $(4 - 1 + 8 \div 8) \times 5$

22) $(10 \times 2) \div (1 + 1)$

23) $7 \times 9 - 7 - 3 \times 5$

24) $8 - 1 - (18 - 2) \div 8$

Name_____

Order of Operations

Date_____ Period____

Evaluate each expression.

1) $(30 - 3) \div 3$

9

2) $(21 - 5) \div 8$

2

3) $1 + 7^2$

50

4) $5 \times 4 - 8$

12

5) $8 + 6 \times 9$

62

6) $3 + 17 \times 5$

88

7) $7 + 12 \times 11$

139

8) $15 + 40 \div 20$

17

9) $20 + 16 - 15$

21

10) $19 - 15 - 3$

1

11) $9 \times (3 + 3) \div 6$

9

12) $(9 + 18 - 3) \div 8$

3

13) $9 + 6 \div (8 - 2)$

10

14) $4(4 \div 2 + 4)$

24

15) $6 + (5 + 8) \times 4$

58

16) $6 \times 6 - (7 + 5)$

24

17) $(9 \times 2) \div (2 + 1)$

6

18) $2 - (4 + 3 - 6)$

1

19) $7 \times 7 - (8 - 2)$

43

20) $9 - 7 - 6 \div 6$

1

21) $(4 - 1 + 8 \div 8) \times 5$

20

22) $(10 \times 2) \div (1 + 1)$

10

23) $7 \times 9 - 7 - 3 \times 5$

41

24) $8 - 1 - (18 - 2) \div 8$

5

 Name_____

Two-Step Equations With Integers

Date_____ Period____

Solve each equation.

1) $\frac{r}{10} + 4 = 5$

2) $\frac{n}{2} + 5 = 3$

3) $3p - 2 = -29$

4) $1 - r = -5$

5) $\frac{k - 10}{2} = -7$

6) $\frac{n - 5}{2} = 5$

7) $-9 + \frac{n}{4} = -7$

8) $\frac{9 + m}{3} = 2$

9) $\frac{-5 + x}{22} = -1$

10) $4n - 9 = -9$

11) $\frac{x + 9}{2} = 3$

12) $\frac{-12 + x}{11} = -3$

13) $\frac{-4 + x}{2} = 6$

14) $-5 + \frac{n}{3} = 0$

15) $\frac{p}{4} + 8 = 7$

16) $9 + \frac{n}{4} = 15$

17) $6 + \frac{x}{2} = 4$

18) $\frac{b + 11}{3} = -2$

19) $\frac{a - 10}{3} = -4$

20) $-12r + 4 = 100$

21) $\frac{m}{16} - 9 = -8$

22) $-7 + 4r = -15$

23) $\frac{m - 13}{2} = -8$

24) $-5x + 13 = -17$

25) $\frac{k + 10}{-2} = 5$

26) $\frac{p + 8}{-2} = 10$

27) $-14r - 19 = 303$

28) $\frac{x}{-4} - 5 = -8$

 Name_____

Two-Step Equations With Integers

Date_____ Period____

Solve each equation.

1) $\frac{r}{10} + 4 = 5$

{10}

2) $\frac{n}{2} + 5 = 3$

{–4}

3) $3p - 2 = -29$

{–9}

4) $1 - r = -5$

{6}

5) $\frac{k - 10}{2} = -7$

{–4}

6) $\frac{n - 5}{2} = 5$

{15}

7) $-9 + \frac{n}{4} = -7$

{8}

8) $\frac{9 + m}{3} = 2$

{–3}

9) $\frac{-5 + x}{22} = -1$

{–17}

10) $4n - 9 = -9$

{0}

11) $\frac{x + 9}{2} = 3$

{–3}

12) $\frac{-12 + x}{11} = -3$

{–21}

13) $\frac{-4 + x}{2} = 6$

{16}

14) $-5 + \frac{n}{3} = 0$

{15}

15) $\frac{p}{4} + 8 = 7$

{–4}

16) $9 + \frac{n}{4} = 15$

{24}

17) $6 + \frac{x}{2} = 4$

{–4}

18) $\frac{b + 11}{3} = -2$

{–17}

19) $\frac{a - 10}{3} = -4$

{–2}

20) $-12r + 4 = 100$

{–8}

21) $\frac{m}{16} - 9 = -8$

{16}

22) $-7 + 4r = -15$

{–2}

23) $\frac{m - 13}{2} = -8$

{–3}

24) $-5x + 13 = -17$

{6}

25) $\frac{k + 10}{-2} = 5$

{–20}

26) $\frac{p + 8}{-2} = 10$

{–28}

27) $-14r - 19 = 303$

{–23}

28) $\frac{x}{-4} - 5 = -8$

{12}

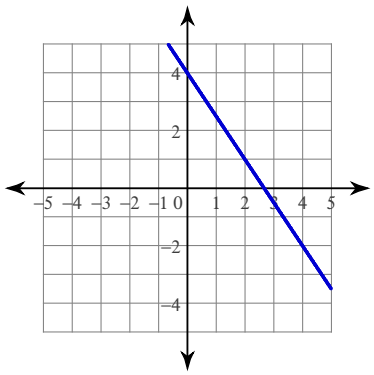
 Name_____

Writing Linear Equations

Date_____ Period____

Write the slope-intercept form of the equation of each line.

1)



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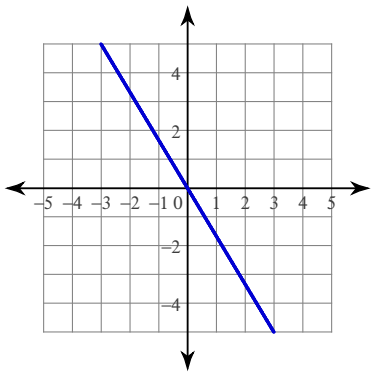

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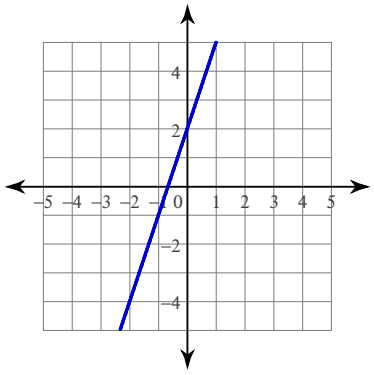

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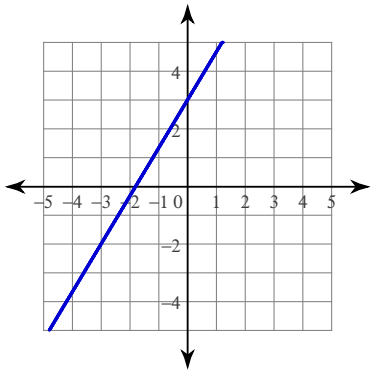
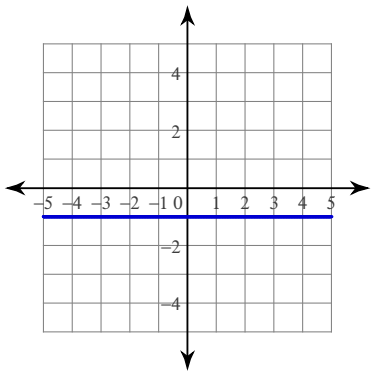
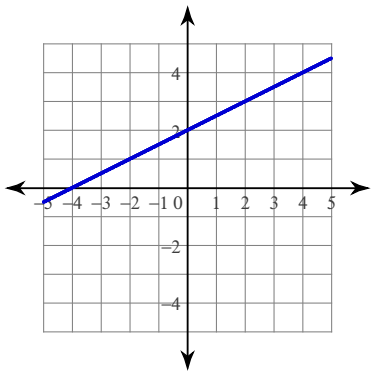


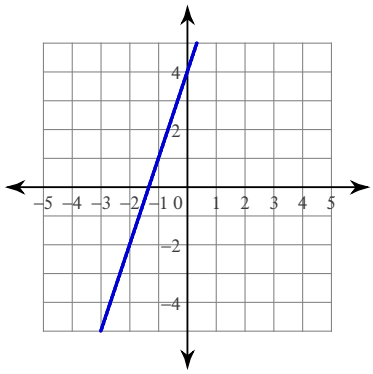
5)



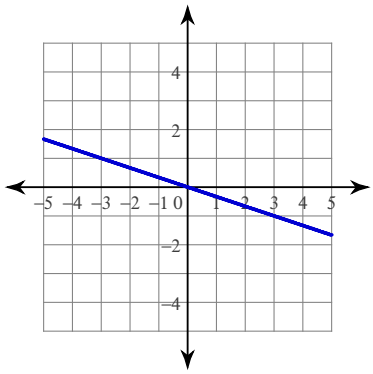
6)



7)



8)



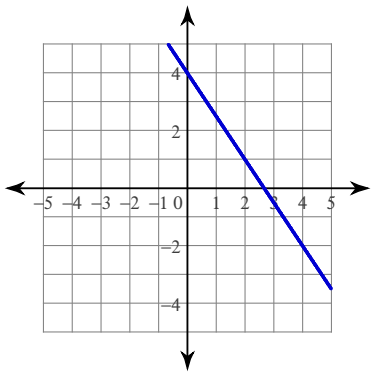
 Name_____

Writing Linear Equations

Date_____ Period____

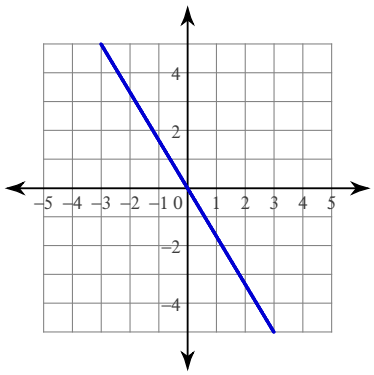
Write the slope-intercept form of the equation of each line.

1)



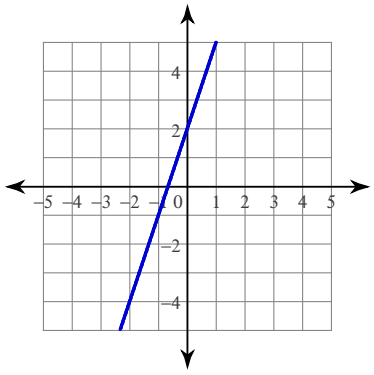
$y = -\frac{3}{2}x + 4$

2)



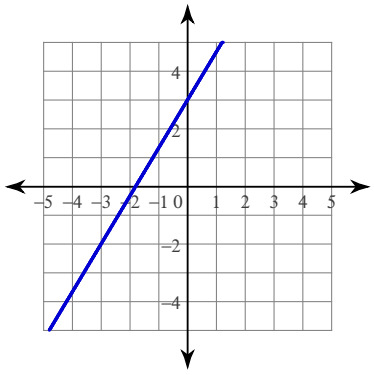
$y = -\frac{5}{3}x$

3)



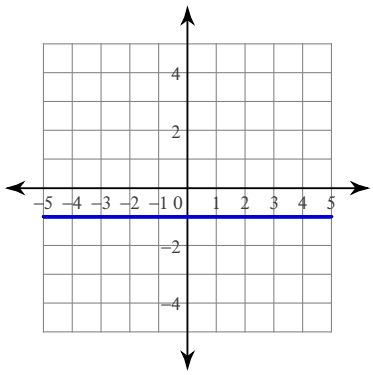
$y = 3x + 2$

4)



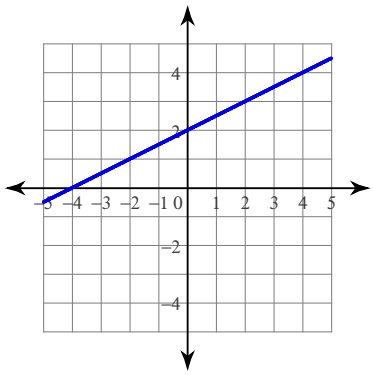
$y = \frac{5}{3}x + 3$

5)



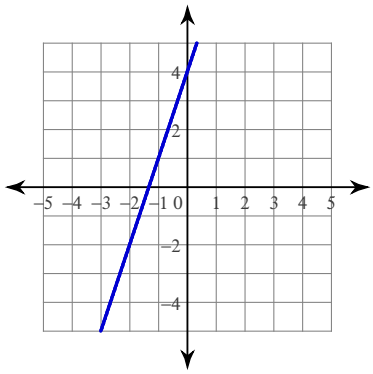
$y = -1$

6)



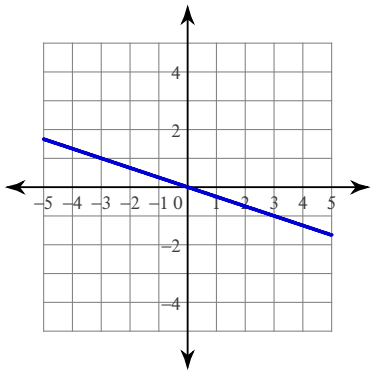
$y = \frac{1}{2}x + 2$

7)



$y = 3x + 4$

8)



$y = -\frac{1}{3}x$