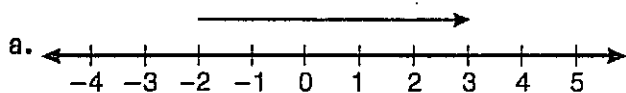


What Do They Call the Toughest Football Team In Town?

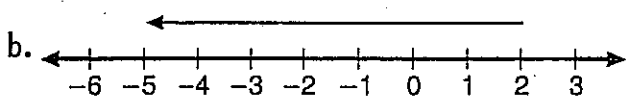
For each set of exercises, there is one extra answer. Write the letter of this answer in each box containing the number of that set.

4	6	1	3	7	7	8	5	3	2	8
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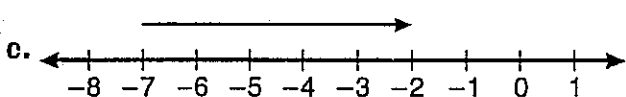
1 Write a number sentence for the arrow diagram.



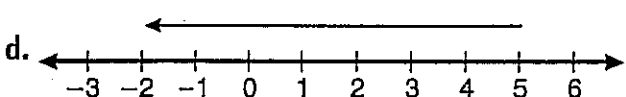
U $2 + (-7) = -5$



C $5 + (-7) = -2$



Y $-2 + 5 = 3$



E $-2 + 7 = -5$

F $-7 + 5 = -2$

2 Find the sum.

a. $-2 + 9$

H 33

b. $3 + (-10)$

V 100

c. $-7 + (-4)$

L -7

d. $5 + (-13)$

R 45

e. $-5 + 38$

K 7

f. $-9 + (-44)$

M -8

g. $36 + 64$

Z -53

W -11

3 Find the sum.

a. $8 + (-5) + 12$

T 13

b. $-6 + (-9) + 2$

O 0

c. $-11 + 20 + (-1)$

J -13

d. $-7 + 3 + 17$

A 11

e. $13 + (-4) + (-9)$

S 15

P 8

4 Find the sum.

a. $-5 + (-6) + (-7)$

N 9

b. $18 + (-15) + 6$

T 13

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

M 11

d. $-16 + 5 + (-8)$

K -19

e. $-9 + 14 + 6$

L -18

V -15

5 Find the sum.

a. $3 + (-4) + 5 + (-6)$

P 5

b. $-10 + 7 + (-4) + 2$

B -2

c. $-16 + 5 + (-11) + (-8)$

C 6

d. $8 + 8 + (-20) + 9$

W -30

e. $-10 + (-1) + 2 + 17$

F 8

U -5

6 Evaluate if $w = -3$, $x = 10$, $y = -8$.

a. $w + x + y$

H -8

b. $-y + x$

R 17

c. $-w + (-x) + 2$

O 18

d. $x + y + (-7) + (-w)$

E -2

e. $y + 5 + (-y) + 12$

W -5

I -1

7 Simplify.

a. $7n + 2 + 4n + 5$

P $7n + 6$

b. $-5n + 12n + 9 + (-3)$

B $n + 7$

c. $n + (-4) + (-6n) + (-10)$

S $11n + 7$

d. $8n + (-11n) + 7 + (4n)$

L $-5n + (-2)$

e. $13 + (-6n) + (-15) + (-5n)$

N $-5n + (-14)$

M $-11n + (-2)$

8 Solve mentally.

a. $x + 2 = 5$

O -5

b. $x + 2 = -5$

D 3

c. $x + (-2) = -5$

N -7

d. $-2 + x = 5$

S 5

e. $-x = 5$

B -3

P 7

Why Did the Sesame Seed Do 15 Extra Math Problems?

Write a simplified expression, then cross out the letter pair next to the correct answer. For each letter pair that you DON'T cross out, write the uppercase letter in the box containing the lowercase letter.



1 $10 + (-3) + (-4)$

q · D -10

6 $-7 + (-10) + 2$

c · T 28

2 $-9 + 2 + (-5)$

g · P $\frac{2}{15}$

7 $-19 + 5 + 12$

o · M $-\frac{7}{20}$

3 $6 + (-20) + 4$

l · B 3

8 $64 + (-32) + (-1)$

b · E -15

4 $-\frac{4}{7} + \frac{3}{7} + (-\frac{5}{7})$

f · A $-\frac{1}{15}$

9 $\frac{1}{3} + \frac{3}{4} + (-\frac{7}{12})$

p · I $\frac{1}{2}$

5 $-\frac{2}{3} + \frac{4}{5}$

e · V -12

10 $-\frac{2}{5} + \frac{3}{10} + (-\frac{1}{4})$

j · R 31

a · M $-\frac{6}{7}$

q · L $-\frac{3}{4}$

i · O -7

h · U -2

11 $6 + 15 + (-3) + (-4)$

e · J -3

16 $-36 + 12 + 5 + (-12)$

p · O -5

12 $(-11) + 5 + (-8) + 7$

n · K 14

17 $-7 + (-7) + (-7) + 16$

g · S 25

13 $(-3) + (-8) + 20 + (-1)$

a · S 8

18 $29 + (-8) + 10 + (-3)$

j · L -24

14 $17 + (-4) + 11 + (-15)$

l · A -5

19 $9 + 4 + (-18) + 6$

d · S -31

15 On four plays, a football team had the following changes in position: gained 5 yd, lost 13 yd, lost 4 yd, gained 9 yd. Write an integer to represent the team's overall change in position.

o · O 12

20 A submarine was cruising at a depth of 40 m. It climbed 9 m, then dove 14 m, then climbed 21 m. Write an integer to represent the depth of the submarine after these changes.

k · H -7

b · I -27

r · E 9

r · D 1

m · T 28

21 $8.7 + 2.5 + (-5.4)$

n · C -5.3

26 $5x + 9 + 16x + (-2)$

22 $-3.8 + 7.7 + (-9.2)$

a · B -17.3

27 $3x + (-8x) + 7 + (-1)$

23 $0.65 + (-0.49) + 0.22$

e · W 32.51

28 $-x + (-6) + 12x + (-5)$

24 $-13.2 + (-18.5) + 14.4$

h · N 5.8

29 Suppose x represents the width of a rectangle and $3x + 2$ represents the length. Write an expression for the perimeter of the rectangle.

25 The price of a stock was \$32.00. Over the next four weeks, the stock had the following price changes: up \$3.12, down \$7.45, down \$1.92, up \$5.54. What was the price of the stock after these changes?

m · I 0.38

j · F 31.29

p · L 16.9

d · S $8x + 4$

n · R $11x + (-7)$

j · N $5x + 8$

m · N $-5x + 6$

k · F $21x + 7$

h · F $11x + (-11)$

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r
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What Did Doctor Bob Do With a Bunch of Sick Balloons?

For each set of exercises, there is one extra answer. Write the letter of this answer in each box containing the number of that set.

7 2 8 1 9 2 5 8 3 7 2 10 9 6 4

<p>1. Simplify.</p> <p>a. $9 + (-2) - 15$</p> <p>b. $-8 - (-5) + 20$</p> <p>c. $14 - 36 - (-25)$</p> <p>d. $-3 - (-14 - 2)$</p>	<p>K 3</p> <p>V -8</p> <p>R 9</p> <p>E 13</p> <p>B 17</p>	<p>2. Simplify.</p> <p>a. $16 - (-5) + (-12)$</p> <p>b. $-7 + (-8) - 32$</p> <p>c. $-27 - (-10) + 6$</p> <p>d. $180 - (-45 + 90)$</p>	<p>A 135</p> <p>O 9</p> <p>T -47</p> <p>E 110</p> <p>P -11</p>
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<p>3. Solve.</p> <p>a. The temperature in Sunnyside was 76°F. The temperature in Frostbite was -18°F. What was the difference in these two temperatures?</p> <p>b. At 6:00 P.M., the temperature in Oshgon was -7°F. By midnight, the temperature had dropped 22°. Find the temperature at midnight.</p>	<p>O 24°F</p> <p>C -29°F</p> <p>D 94°F</p>	<p>4. Solve.</p> <p>a. Teton was hiking at an elevation of 1650 ft. He had the following changes in elevation: up 150 ft, down 670 ft, up 320 ft. What was his elevation then?</p> <p>b. The top of Acme Tower is 1380 ft above ground level. The bottom of the tower is 30 ft below ground level. How tall is the tower?</p>	<p>N 1450 ft</p> <p>M 1430 ft</p> <p>P 1410 ft</p>
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<p>5. Simplify.</p> <p>a. $20 + (-7) - 8 - 8$</p> <p>b. $-5 - (-11) - 14 + 3$</p> <p>c. $-24 - (7 - 10 + 1)$</p> <p>d. $8 - (-3) - (4 - 9)$</p>	<p>D -15</p> <p>L -5</p> <p>W 16</p> <p>N -22</p> <p>G -3</p>	<p>6. Evaluate if $a = -8, b = -3, c = 10$.</p> <p>a. $a + b + c$</p> <p>b. $a - b - c$</p> <p>c. $-a + b - c$</p> <p>d. $-a - b + c$</p>	<p>A -1</p> <p>U 16</p> <p>I -5</p> <p>L 21</p> <p>S -15</p>
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<p>7. Simplify.</p> <p>a. $-\frac{11}{16} + \frac{1}{16} - \left(-\frac{7}{16}\right) - \frac{3}{16}$</p> <p>b. $\frac{3}{8} - \frac{2}{3} + \frac{7}{12}$</p>	<p>H $\frac{5}{12}$</p> <p>S $-\frac{3}{8}$</p> <p>B $\frac{7}{24}$</p>	<p>8. Simplify.</p> <p>a. $-7.5 + 8.3 - (-4.9)$</p> <p>b. $13.8 + (-9.2) - 5.5$</p> <p>c. $-3.27 - 6.45 + 2.92$</p>	<p>C -6.8</p> <p>S 5.7</p> <p>T -5.4</p> <p>A -0.9</p>
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<p>9. Simplify.</p> <p>a. $2n + 7 - 7n$</p> <p>b. $-n - 6n + 5$</p> <p>c. $-9 - (-14n) + 7 - 5n$</p> <p>d. $8 - 10n - (-3n) + (-1)$</p>	<p>F $9n - 2$</p> <p>I $-7n - 2$</p> <p>A $-7n + 5$</p> <p>B $-5n + 7$</p> <p>S $-7n + 7$</p>	<p>10. Simplify.</p> <p>a. $2x - 11y + 2x + 5y$</p> <p>b. $-7x - (-3x) + 3y - 8y$</p> <p>c. $-x - y - (-6y) - 8x$</p> <p>d. $4y + (-4x) - 9y + 13x$</p>	<p>P $-4x - 5y$</p> <p>F $9x - 5y$</p> <p>W $4x - 6y$</p> <p>G $-9x + 5y$</p> <p>L $9x - 2y$</p>
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