

WARM UP

back of p. 11

Solve. Show work either drawing positive negative circles or a number line.

$$-4 + 12$$

8

$$6 - 9$$

-3

$$-5 + (-8)$$

-13

$$-2 - 7$$

-9

0
0
0
0
0
0
0
0


Homework


ACTIVITY 14


Name _____


-12	12	9	-20	-6	4	-15	-12	12	9
-6	1	4	-15	-2	-4	-28	-6	-1	4
-9	7	-7	12	-6	4	12	-7	7	6
10	-20	-6	-15	2	2	-28	4	10	-10
12	0	12	3	6	-9	3	12	0	12
7	-3	7	3	9	-12	3	7	-3	7
-10	1	-6	-20	2	2	-1	4	-15	-28
-12	12	-7	7	-6	4	7	-7	12	9
-6	10	4	-10	-2	-4	-20	-6	-15	4
-9	7	6	1	-6	4	-28	-9	7	6


Add and subtract.


 $(-9) + (-3)$
-12


 $3 - (-6)$
9


 $8 + (-2)$
6


 $(-5) + (-4)$
-9


 $6 - 13$
-7


 $(-4) - (-11)$
7


 $(-13) - (-7)$
-6


 $(-6) + 18$
12


 $(-12) - (-16)$
4


 $(-2) + 5 - 6$
-3

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

 $(-9) - (-4) + 5$
0

 $6 - 8 - 2$
-4

 $(-7) + 1 - (-9)$
3

 $6 + (-9) - (-5)$
2

Return quizzes

Math Antics Multiply Integers

$$\frac{-42}{7}$$

-6



Main Ideas/Questions	Notes										
<p style="text-align: center;">RULES FOR MULTIPLYING & DIVIDING INTEGERS</p>	<p style="text-align: center;"><i>Multiply or divide as you normally would, but use the following rules for the final sign:</i></p> <ul style="list-style-type: none"> • Two Positives (+ and +) make a <u>+</u>. • Two Negatives (- and -) make a <u>+</u>. • A Positive and a Negative (+ and -) make a <u>-</u>. 										
<p style="text-align: center;">MULTIPLYING INTEGERS</p>	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1. $-9 \times -3 =$ <u>+</u></td> <td style="width: 50%;">6. $-4 \times -11 =$ <u>+</u></td> </tr> <tr> <td>2. $8 \times -9 =$ <u>-</u></td> <td>7. $-6 \times 10 =$ <u>-</u></td> </tr> <tr> <td>3. $-4 \times -7 =$ <u>+</u></td> <td>8. $5 \times 8 =$ <u>+</u></td> </tr> <tr> <td>4. $11 \times -2 =$ <u>-</u></td> <td>9. $-8 \times -3 =$ <u>+</u></td> </tr> <tr> <td>5. $-5 \times 9 =$ <u>-</u></td> <td>10. $16 \times -2 =$ <u>-</u></td> </tr> </table>	1. $-9 \times -3 =$ <u>+</u>	6. $-4 \times -11 =$ <u>+</u>	2. $8 \times -9 =$ <u>-</u>	7. $-6 \times 10 =$ <u>-</u>	3. $-4 \times -7 =$ <u>+</u>	8. $5 \times 8 =$ <u>+</u>	4. $11 \times -2 =$ <u>-</u>	9. $-8 \times -3 =$ <u>+</u>	5. $-5 \times 9 =$ <u>-</u>	10. $16 \times -2 =$ <u>-</u>
1. $-9 \times -3 =$ <u>+</u>	6. $-4 \times -11 =$ <u>+</u>										
2. $8 \times -9 =$ <u>-</u>	7. $-6 \times 10 =$ <u>-</u>										
3. $-4 \times -7 =$ <u>+</u>	8. $5 \times 8 =$ <u>+</u>										
4. $11 \times -2 =$ <u>-</u>	9. $-8 \times -3 =$ <u>+</u>										
5. $-5 \times 9 =$ <u>-</u>	10. $16 \times -2 =$ <u>-</u>										
<p style="text-align: center;">DIVIDING INTEGERS</p>	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1. $63 \div 7 =$ <u>+</u></td> <td style="width: 50%;">6. $-18 \div -9 =$ <u>+</u></td> </tr> <tr> <td>2. $-9 \div -3 =$ <u>+</u></td> <td>7. $-20 \div 2 =$ <u>-</u></td> </tr> <tr> <td>3. $90 \div 10 =$ <u>+</u></td> <td>8. $56 \div -8 =$ <u>-</u></td> </tr> <tr> <td>4. $-8 \div 8 =$ <u>-</u></td> <td>9. $-21 \div -3 =$ <u>+</u></td> </tr> <tr> <td>5. $-42 \div 7 =$ <u>-</u></td> <td>10. $12 \div -1 =$ <u>-</u></td> </tr> </table>	1. $63 \div 7 =$ <u>+</u>	6. $-18 \div -9 =$ <u>+</u>	2. $-9 \div -3 =$ <u>+</u>	7. $-20 \div 2 =$ <u>-</u>	3. $90 \div 10 =$ <u>+</u>	8. $56 \div -8 =$ <u>-</u>	4. $-8 \div 8 =$ <u>-</u>	9. $-21 \div -3 =$ <u>+</u>	5. $-42 \div 7 =$ <u>-</u>	10. $12 \div -1 =$ <u>-</u>
1. $63 \div 7 =$ <u>+</u>	6. $-18 \div -9 =$ <u>+</u>										
2. $-9 \div -3 =$ <u>+</u>	7. $-20 \div 2 =$ <u>-</u>										
3. $90 \div 10 =$ <u>+</u>	8. $56 \div -8 =$ <u>-</u>										
4. $-8 \div 8 =$ <u>-</u>	9. $-21 \div -3 =$ <u>+</u>										
5. $-42 \div 7 =$ <u>-</u>	10. $12 \div -1 =$ <u>-</u>										
<p>Summary: _</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p>											

Why Did Farmer John Ask the Supermarket Manager Where the Overalls Were?



Write the letter of each exercise in the box containing the answer.

Find the sum.

- E. $-7 + (-2)$
- A. $-6 + (-8)$
- I. $-17 + (-10)$
- S. $12 + 13$
- T. $-75 + (-5)$
- O. $-4 + 9$
- T. $-9 + 4$
- S. $38 + (-3)$
- E. $11 + (-18)$
- C. $-24 + (-24)$

Find the sum.

- O. $-64 + 60$
- E. $12 + (-36)$
- A. $-15 + 18$
- V. $101 + (-2)$
- R. $-30 + (-40)$
- H. $-18 + 8$
- M. $-45 + (-45)$
- T. $52 + (-58)$
- H. $180 + 180$
- L. $999 + (-999)$

-5	-10	-24	-19	25	-6	5	-70	-9	92	-48	0	3	-27	-90	35	-8	-80	-4	41	360	-14	99	-7
----	-----	-----	-----	----	----	---	-----	----	----	-----	---	---	-----	-----	----	----	-----	----	----	-----	-----	----	----

Find the sum.

- E. $-10 + (-1)$
- S. $-24 + 6$
- T. $60 + (-15)$
- I. $-7 + (-21)$
- L. $9 + (-39)$
- E. $-32 + 64$
- O. $88 + (-55)$
- T. $-100 + 25$

Evaluate if $a = 7$, $b = -20$, $x = -34$, $y = -9$.

- R. $a + b$
- S. $b + b$
- P. $-12 + a$
- E. $b + 81$
- A. $x + y$
- C. $x + x$
- B. $100 + y$
- R. $x + 50$

Solve.

- H. The price of a stock went down \$4.25 on Monday and then down \$2.75 on Tuesday. What was the overall change in price for the two days?
- E. Between midnight and 6:00 A.M., the temperature dropped 10°F . Between 6:00 A.M. and noon, the temperature rose 18°F . What was the change in temperature from midnight to noon?

Scores for three rounds of a computer game are given in the table. Solve.

- L. What was the total number of points scored in the first two rounds?
- V. What was the total number of points scored in all three rounds?

Round	Points
1	300
2	-800
3	700

-75	-\$7	61	-\$9	91	32	-40	45	5°F	33	200	-11	-13	-43	-500	-30	74	-5	16	-28	-68	8°F	-18
-----	------	----	------	----	----	-----	----	---------------------	----	-----	-----	-----	-----	------	-----	----	----	----	-----	-----	---------------------	-----

2

PRE-ALGEBRA WITH PIZZAZZ!
© Creative Publications

What should you do when you can't sleep?

Do any exercise below and find your answer in the corresponding answer column. The letter of the exercise goes in the box that contains the number of the answer. Keep working and you will discover the answer to the title question.

T $3 - 7 =$	41 -10	E $-5 - -15 =$	10 17	E $-3 - -1 =$	38 18
R $-2 - 5 =$	9 8	R $8 - -9 =$	24 8	C $-7 - 8 =$	25 -10
E $7 - -1 =$	13 -4	D $3 - 13 =$	12 2	S $2 - -5 =$	26 -2
U $9 - 3 =$	29 5	O $-2 - -4 =$	4 10	M $13 - 4 =$	42 0
O $-5 - -10 =$	23 -6	Y $-6 - 6 =$	17 -8	O $-2 - -20 =$	33 -15
F $1 - 11 =$	37 -7	E $15 - 7 =$	27 -10	F $-9 - -9 =$	1 9
H $-8 - -2 =$	32 6	D $-9 - -1 =$	30 -12	B $6 - 16 =$	8 7

C $4 - -4 =$	15 -7	O $5 - 5 =$	35 -1	O $-7 - 4 =$	3 14
O $-3 - -7 =$	11 9	E $-4 - 10 =$	20 0	E $4 - 7 =$	16 -3
A $-1 - 12 =$	2 4	T $-9 - -5 =$	7 4	L $-4 - -7 =$	36 -14
E $2 - 9 =$	34 -13	N $6 - 7 =$	28 17	P $7 - -4 =$	6 3
F $17 - 4 =$	31 -9	S $15 - -2$	14 -17	G $-7 - -7 =$	40 -11
O $-11 - -2 =$	5 8	O $-8 - -12 =$	22 -4	V $7 - -7 =$	18 0
T $6 - -3 =$	21 13	H $-11 - 6 =$	19 -14	D $-7 - 7 =$	39 11

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42

