

WARM UP

back of p. 16

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

$$\begin{array}{c} (-4) + 12 \\ 8 \end{array}$$

$$\begin{array}{c} 6 - 9 \\ -3 \end{array}$$

$$\begin{array}{c} (-5) + (-8) \\ -13 \end{array}$$

$$\begin{array}{c} (-2) - 7 \\ -9 \end{array}$$

$$\begin{array}{c} (-4) - (-3) \\ -4 + 3 \\ (-1) \end{array}$$

$$-4 + 3$$

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PRE-ALGEBRA WITH PIZZAZZ!
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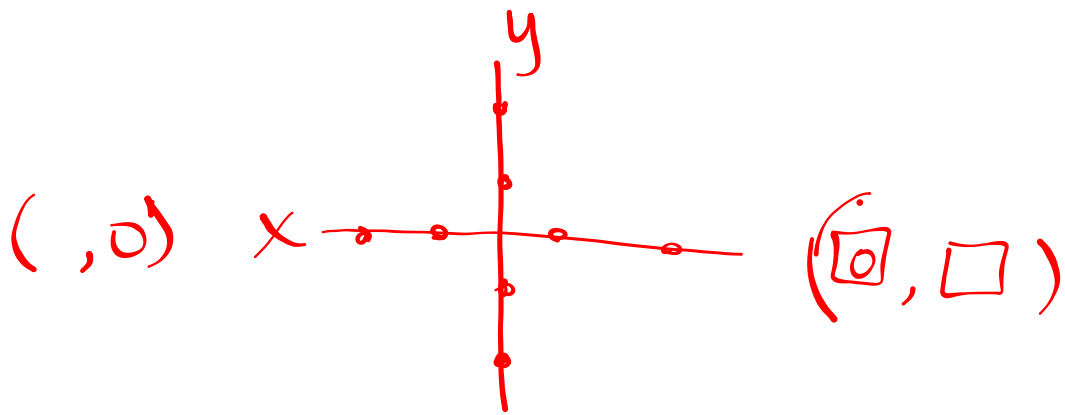
What should you do when you can't sleep?

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

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



Main Ideas/Questions	Notes
<p>RULES FOR MULTIPLYING & DIVIDING INTEGERS</p>	<p>Multiply or divide as you normally would, but use the following rules for the final sign:</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>MULTIPLYING INTEGERS</p>	<p>1. $-9 \times -3 =$ _____</p> <p>2. $8 \times -9 =$ _____</p> <p>3. $-4 \times -7 =$ _____</p> <p>4. $11 \times -2 =$ _____</p> <p>5. $-5 \times 9 =$ _____</p> <p>6. $-4 \times -11 =$ _____</p> <p>7. $-6 \times 10 =$ _____</p> <p>8. $5 \times 8 =$ _____</p> <p>9. $-8 \times -3 =$ _____</p> <p>10. $16 \times -2 =$ _____</p>
<p>DIVIDING INTEGERS</p>	<p>1. $63 \div 7 =$ _____</p> <p>2. $-9 \div -3 =$ _____</p> <p>3. $90 \div 10 =$ _____</p> <p>4. $-8 \div 8 =$ _____</p> <p>5. $-42 \div 7 =$ _____</p> <p>6. $-18 \div -9 =$ _____</p> <p>7. $-20 \div 2 =$ _____</p> <p>8. $56 \div -8 =$ _____</p> <p>9. $-21 \div -3 =$ _____</p> <p>10. $12 \div -1 =$ _____</p>
<p>Summary: _</p> <p>—</p> <p>—</p> <p>—</p> <p>—</p>	

Homework

ACTIVITY 15

Name _____

-12	-6	-6	8	-9	-9	-12	-6	-6	8	<i>Multiply.</i>	
14	-18	-3	-8	-14	-14	14	-18	-3	-8		
-4	12	12	6	4	4	-4	12	12	6		$(-2)(-3)$
8	-9	-9	-12	-6	-6	8	-9	-9	-12		
-8	18	18	14	-18	-3	-8	18	18	14		$(-2)(2)$
6	4	4	-4	12	12	6	4	4	-4		
-12	-6	-6	8	3	3	-12	-6	-6	8		$(3)(-4)$
14	-18	-3	-8	-14	-14	14	-18	-3	-8		
-4	12	12	6	4	4	-4	12	12	6		
8	3	3	-12	9	9	8	3	3	-12		

$(-2)(-4)$

$(-2)(7)$

$(3)(-3)$

$(3)(-1)$

$(-1)(-4)$

$(-2)(9)$

$(-6)(-2)$

$(-1)(8)$

$(-3)(2)$

$(-7)(-2)$

$(-1)(-3)$

$(-6)(-3)$

1) Versatiles/Picture Graph

2) Integer Puzzle

3)IXL:

Login example:

12345@vbschools

go to **7th grade**

ba12345

lessons C.7 (multiply and divide), P.1, P.2
(coordinate plane)

4) +/- Integer Puzzle

5) IXL (same as above)

6)Versatiles/Graph

