

## Absolute Value Practice

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Class: \_\_\_\_\_

Simplify the following expressions:

1.  $|8| =$

2.  $|-144| =$

3.  $-|16| =$

4.  $-|-22| =$

3.  $|2+6| =$

6.  $-|2+10| =$

7.  $|11-4| =$

8.  $|1-5| =$

9.  $-|4+9| =$

10.  $-|4-9| =$

11.  $-|-4-7| =$

12.  $|5|+|3| =$

13.  $|-9|+|3| =$

14.  $|-7|+|-8| =$

15.  $|8|-|-5| =$

16.  $|10|-|12| =$

17.  $|10+3-9| =$

18.  $-|12-22| =$

# 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.

<b>T</b> $3 - 7 =$	(41)	-10	<b>E</b> $-5 - -15 =$	(10)	17	<b>E</b> $-3 - -1 =$	(38)	18
<b>R</b> $-2 - 5 =$	(9)	8	<b>R</b> $8 - -9 =$	(24)	8	<b>C</b> $-7 - 8 =$	(25)	-10
<b>E</b> $7 - -1 =$	(13)	-4	<b>D</b> $3 - 13 =$	(12)	2	<b>S</b> $2 - -5 =$	(26)	-2
<b>U</b> $9 - 3 =$	(29)	5	<b>O</b> $-2 - -4 =$	(4)	10	<b>M</b> $13 - 4 =$	(42)	0
<b>O</b> $-5 - -10 =$	(23)	-6	<b>Y</b> $-6 - 6 =$	(17)	-8	<b>O</b> $-2 - -20 =$	(33)	-15
<b>F</b> $1 - 11 =$	(37)	-7	<b>E</b> $15 - 7 =$	(27)	-10	<b>F</b> $-9 - -9 =$	(1)	9
<b>H</b> $-8 - -2 =$	(32)	6	<b>D</b> $-9 - -1 =$	(30)	-12	<b>B</b> $6 - 16 =$	(8)	7
<b>C</b> $4 - -4 =$	(15)	-7	<b>O</b> $5 - 5 =$	(35)	-1	<b>O</b> $-7 - 4 =$	(3)	14
<b>O</b> $-3 - -7 =$	(11)	9	<b>E</b> $-4 - 10 =$	(20)	0	<b>E</b> $4 - 7 =$	(16)	-3
<b>A</b> $-1 - 12 =$	(2)	4	<b>T</b> $-9 - -5 =$	(7)	4	<b>L</b> $-4 - -7 =$	(36)	-14
<b>E</b> $2 - 9 =$	(34)	-13	<b>N</b> $6 - 7 =$	(28)	17	<b>P</b> $7 - -4 =$	(6)	3
<b>F</b> $17 - 4 =$	(31)	-9	<b>S</b> $15 - -2 =$	(14)	-17	<b>G</b> $-7 - -7 =$	(40)	-11
<b>O</b> $-11 - -2 =$	(5)	8	<b>O</b> $-8 - -12 =$	(22)	-4	<b>V</b> $7 - -7 =$	(18)	0
<b>T</b> $6 - -3 =$	(21)	13	<b>H</b> $-11 - 6 =$	(19)	-14	<b>D</b> $-7 - 7 =$	(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

# HOW'S BUSINESS?

**SOLDIER:** "Mine is

30 37 -2 8 -37 -22 -87 59 8 -78 -87 -47 -2

**BOXER:** "Mine is

-78 26 0 37 8 8 0 -22 49 -93 2 0 -83 59

**STEAK  
SAUCE**

**MAKER:** "Mine is

-19 0 2 -2 59 -257 -22 -2 -186 59 -78 2

**MATH**

**TEACHER:** "Mine is

-846 161 -78 -2 -2 -186

EACH PERSON ABOVE IS ANSWERING THE QUESTION, "HOW'S BUSINESS?" TO DECODE THEIR ANSWERS:

Do any exercise below and find your answer in the code above. Each time the answer appears in the code, write the letter of that exercise above it. Keep working until you have decoded all four responses.

**I**  $10 + -32 =$

**B**  $-15 + 41 =$

**V**  $-39 + -44 =$

**E**  $-27 + 86 =$

**M**  $61 + -12 =$

**K**  $-75 + 28 =$

**A**  $-37 + -41 =$

**D**  $-165 + -92 =$

**W**  $54 + -73 =$

**J**  $83 + -53 =$

**U**  $-48 + 85 =$

**F**  $-85 + 48 =$

**P**  $-16 + -77 =$

**L**  $63 + 98 =$

**T**  $-105 + 113 =$

**O**  $-50 + 50 =$

**Y**  $737 + -923 =$

**N**  $-285 + 198 =$

**C**  $-457 + -389 =$

**R**  $95 + -93 =$

**S**  $-95 + 93 =$