

Spiral Review 1

What Did Cupid Say When Asked: "Where Is There Honey Underground?"

Do each exercise and find your answer in the answer column.
Cross out the letter next to it. When you finish, the answer to the
title question will remain.

N	9
E	13
P	21
W	4
O	0
N	20
S	-12
T	5
I	-15
S	3
E	100
Y	-14
M	96
D	4
E	7
R	14
G	33,476
A	-1
E	-7
V	-18
O	17
R	88
B	31,916
S	-5
L	2
H	-8
T	6

① $6 + (4 - 7)$

⑨ $(-3 + 8) + (10 - 1)$

③ $-12 + (-1 + 5)$

⑪ $(5 - -4) + (-5 - 4)$

⑤ $(-2 + 15) - -4$

⑬ $(-7 - 1) - (3 + 7)$

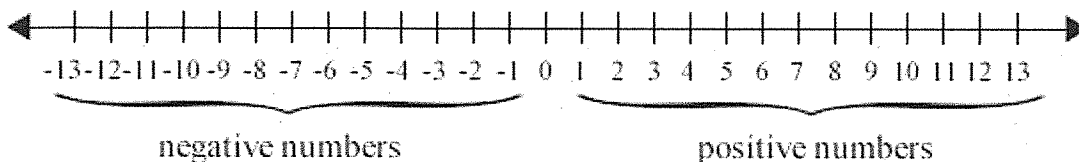
⑦ $(9 - 16) + 2$

⑮ $(6 + -8) - (-3 - 4)$

⑰ A scuba diver was swimming at an elevation of -8 meters. A shark was swimming at an elevation of -29 meters. Find the difference between these two elevations. _____ m

⑲ WORLD RECORD: The greatest temperature change ever recorded in a single day occurred in Browning, Montana, in 1916. The temperature dropped from 44°F to -56°F . What was the change in temperature? _____ $^{\circ}\text{F}$

Integer Review



Adding integers with the same sign...

Simply add the numbers and keep their sign.

- $2 + 2 = 4$
- $-2 + -2 = -4$

Adding integers with a different sign...

Subtract the two numbers and keep the sign of the number that is farthest away from zero.

- $2 + -2 = 0$
- $-4 + 2 = -2$

Remember the row row row your boat song... Same sign add and keep different sign subtract, keep the sign of the higher number then it will be exact ☺.

Subtracting Integers...

Keep	Change	Change
Keep the first number the same	Change the minus to a plus	Change the 2 nd number to its opposite.

Example 1) $-2 - 4 =$
 $-2 + -4 =$
 -6

Example 2) $-2 - -4 =$
 $-2 ++ 4 =$
 2

Multiplying and Dividing Integers...

- If they have the same sign the answer is always positive.
 - $-2(-2) = 4$
 - $-10 \cdot -2 = 20$
- If they have different signs the answer is always negative.
 - $-2(2) = -4$
 - $10 \cdot -2 = -20$

<u>Opposites</u>	<u>Absolute Value</u>
The opposite of $5 = -5$ The opposite of $-7 = 7$	How far away from zero is the number? $ 5 = 5$ $ -5 = 5$