

Name _____

Due Date _____ Period _____

Study Guide: Integers

1 A negative number minus a negative number is _____ negative.

a

- always
- sometimes
- never

2 The product of a positive integer and a negative integer is _____ positive.

a

- always
- sometimes
- never

3 A positive number minus a negative integer is _____ positive.

a

- always
- sometimes
- never

4 The sum of a positive integer and a negative integer is _____ positive.

a

- always
- sometimes
- never

Find the sum $-9 + 3$

6

Find the sum $-2 + (-24)$

7

Find the difference $15 - (-10)$

8

Find the difference $-4 - 23$

9

Find the sum $52 + (-47)$

10

Find the difference $4 - 14$

11

Find the difference $-13 - 21$

12

Find the difference $-40 - (-70)$

Fill in the unknown numbers to make each number sentence true.

a. $-20 \div (-2) =$

b. $4 \times$ $= -16$

c. $\times -13 = 13$

d. $54 \div (-9) =$

e. $\times 3 = 0$

f. $-42 \div 7 =$

g. $-21 \div$ $= 7$

h. $9 \times$ $= -90$

14

Solve

$$20 + (-42) + (-73)$$

15

Solve

$$-7 - (-8) \cdot 2$$

16

The highest temperature recorded in the town of Westgate this summer was $110^{\circ}F$. Last winter, the lowest temperature recorded was $-13^{\circ}F$. Find the difference between these extremes.

$^{\circ}F$

17

Miguel spends \$42 a day for 6 days. Then, he works to try to make up for what he spent, and he earns \$30 a day for 8 days. Does Miguel end up with more or less money than he started with? By how much?

Part A

Does Miguel end up with more or less money than he started with?

Part B

By how much?

\$
