

# Integers

## Practice

**Absolute Value**

**Comparing Integers**

**Adding Integers**

**Subtracting Integers**

**Adding and Subtracting Integers**

**Multiplying Integers**

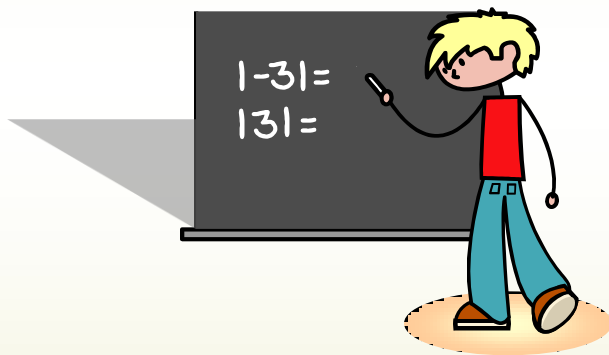
**Dividing Integers**

**Multiplying and Dividing Integers**

## Absolute Value


Problem #1: Fill in the blanks.

$$|-3| = \underline{\quad} \text{ and the } |3| = \underline{\quad}.$$



## Comparing Integers

Problem #2: Solve.

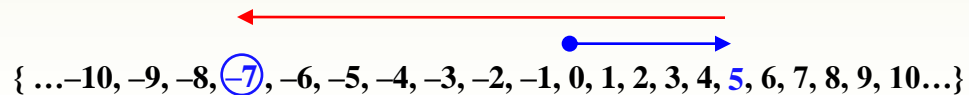
Replace the  with  $<$ ,  $>$ , or  $=$  to make a true statement.

$$-15 \text{  } -4$$

- a.)  $<$
- b.)  $>$
- c.)  $=$

## Adding Integers

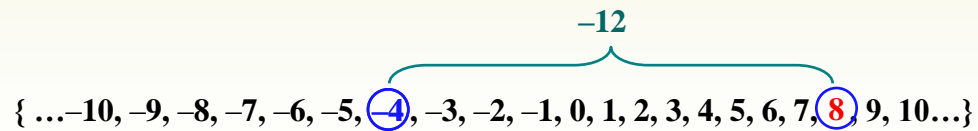
Problem #3: Select the correct addition sentence represented by the illustration below.



- a.)  $5 + 12 = -7$
- b.)  $-5 + (-12) = -7$
- c.)  $-5 + 12 = -7$
- d.)  $5 + (-12) = -7$

## Subtracting Integers

Problem #4: Select the correct subtraction sentence represented by the illustration below.



- a.)  $4 - 8 = -12$
- b.)  $-4 - 8 = -12$
- c.)  $4 - (-8) = -12$
- d.)  $-4 - (-8) = -12$

## Adding and Subtracting Integers

Problem #5: Find the sum.  $-2 + 9 =$

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Problem #6: Find the difference.  $-3 - (-9)$   
 $-3 + 9 =$

## Multiplying Integers

Problem #7: Find the product.  $-24 \times 36$

$$-24 \times 36 =$$

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Problem #8: Find the product.  $-22 \times -17$

$$-22 \times -17 =$$

## Dividing Integers

Problem #9: Find the quotient.  $51 \div -3$

$$51 \div -3 =$$

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Problem #10: Find the quotient.  $-462 \div -22$

$$-462 \div -22 =$$



## Multiplying and Dividing Integers

Problem #11: Simplify.  $(-2)(6)(-3)(-4)$

$$(-2)(6)(-3)(-4) =$$

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Problem #12: Write two related division statements for:  $-3 \times 7 = -21$

$$-21 \div 7 =$$

$$-21 \div -3 =$$

## Answers

Problem #1: 3, 3

Problem #2: Choice "a".

Problem #3: Choice "d".

Problem #4: Choice "b".

Problem #5: 7

Problem #6: 6

Problem #7: -864

Problem #8: 374

Problem #9: -17

Problem #10: 21

Problem #11: -144

Problem #12:  $-21/7 = (-3)$ ;  $-21/(-3) = 7$

