

Multiplying Integers

$$^{-}5 \times 4 = ^{-}20$$

$$^{-}8 \times (^{-}2) = 16$$

$$1 \quad 6 \times (^{-}3) =$$

$$8 \quad ^{-}2.5 (16) =$$

$$2 \quad ^{-}10 (4) =$$

$$9 \quad ^{-}3 (15) (^{-}4) =$$

$$3 \quad (^{-}13) (6) =$$

$$10 \quad ^{-}22 \times 22 =$$

$$4 \quad 15 \times 3 (^{-}2) =$$

$$11 \quad ^{-}106 \times 0 =$$

$$5 \quad ^{-}4 \times (^{-}3) \times ^{-}7 =$$

$$12 \quad ^{-}40 \times 0.1 =$$

$$6 \quad (^{-}12) \left(\frac{1}{2} \right) (^{-}3) =$$

$$13 \quad (^{-}5) (4) (^{-}2) (0) =$$

$$7 \quad (^{-}0.5) (18) =$$

$$14 \quad ^{-}8 (7) =$$

Fill in the blank with **positive** or **negative**.

$$15 \quad \text{A positive times a positive is a } \underline{\hspace{2cm}}.$$

$$16 \quad \text{A positive times a negative is a } \underline{\hspace{2cm}}.$$

$$17 \quad \text{A negative times a positive is a } \underline{\hspace{2cm}}.$$

$$18 \quad \text{A negative times a negative is a } \underline{\hspace{2cm}}.$$

Dividing Integers

$$12 \div (-4) = -3$$

$$-8 \div (-16) = \frac{1}{2}$$

$$1 \quad 10 \div (-5) =$$

$$8 \quad -\frac{3}{4} \div 4 =$$

$$2 \quad -16 \div (-4) =$$

$$9 \quad -30 \div (-6) =$$

$$3 \quad -24 \div (-2) =$$

$$10 \quad 1.2 \div 4 =$$

$$4 \quad 0 \div (-13) =$$

$$11 \quad -69.3 \div 3.3 =$$

$$5 \quad 3.5 \div (-2) =$$

$$12 \quad -51 \div (-3) =$$

$$6 \quad 75 \div (-15) =$$

$$13 \quad -186 \div 3 =$$

$$7 \quad -54 \div 18 =$$

$$14 \quad 4\frac{1}{3} \div 3\frac{1}{2} =$$

Multiplication and division are "inverse operations." What other operations are inverse operations?

15 _____ and _____ are inverse operations.

16 An equation with an odd number of negative factors is _____.

17 An equation with an even number of negative factors is _____.