

MAIN IDEA

- Multiply integers.

KEY CONCEPT

Multiplying Integers The product of two integers with different signs is negative.

The product of two integers with the same sign is positive.

EXAMPLES**Multiply Integers with Different Signs****Multiply.**

$$1 \quad 9 \times (-6)$$

$$9 \times (-6) = \boxed{}$$

The integers have different signs.

The product is $\boxed{}$.

$$2 \quad -5 \times 7$$

$$-5 \times 7 = \boxed{}$$

The integers have different signs.

The product is $\boxed{}$.**Check Your Progress****Multiply.**

a. $4 \times (-7)$

b. -8×3

EXAMPLES**Multiply Integers with Same Signs****Multiply.**

$$3 \quad 7 \times 9$$

$$7 \times 9 = \boxed{}$$

The integers have the same sign.

The product is $\boxed{}$.

$$4 \quad -4 \times (-8)$$

$$-4 \times (-8) = \boxed{}$$

The integers have the same sign.

The product is $\boxed{}$.**Check Your Progress****Multiply.**

a. 5×4

b. $-2 \times (-7)$

HOMEWORK ASSIGNMENT

Page(s):

Exercises: