

1. Find  $3(-5)$ .
2. Find  $-6(8)$ .
3. Find  $9(-2)$ .
4. Find  $-11(-9)$ .
5. Find  $-12(-4)$ .
6. Find  $2(-13)$ .
7. Find  $-1(8)$ .
8. Find  $-3(-4)(-2)$ .
9. Find  $-7(-5)(-2)$ .
10. Find  $-2(3)(-4)$ .

## KEYS

**Remember**

- The product of two integers with different signs is negative.
- The product of two integers with the same sign is positive.

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1. Find  $3(-5)$ .

$$3(-5) = -15 \quad \text{The integers have different signs. The product is negative.}$$

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2. Find  $-6(8)$ .

$$-6(8) = -48 \quad \text{The integers have different signs. The product is negative.}$$

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3. Find  $9(-2)$ .

$$9(-2) = -18 \quad \text{The integers have different signs. The product is negative.}$$

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4. Find  $-11(-9)$ .

$$-11(-9) = 99 \quad \text{The integers have the same sign. The product is positive.}$$

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5. Find  $-12(-4)$ .

$$-12(-4) = 48 \quad \text{The integers have the same sign. The product is positive.}$$

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6. Find  $2(-13)$ .

$$2(-13) = -26 \quad \text{The integers have different signs. The product is negative.}$$

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7. Find  $-1(8)$ .

$$-1(8) = -8 \quad \text{The integers have different signs. The product is negative.}$$

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8. Find  $-3(-4)(-2)$ .

$$\begin{aligned} -3(-4)(-2) &= [-3(-4)](-2) \\ &= 12(-2) \\ &= -24 \end{aligned}$$

Associative Property

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

$$12(-2) = -24$$

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9. Find  $-7(-5)(-2)$ .

$$\begin{aligned} -7(-5)(-2) &= [-7(-5)](-2) \\ &= 35(-2) \\ &= -70 \end{aligned}$$

Associative Property

$$-7(-5) = 35$$

$$35(-2) = -70$$

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10. Find  $-2(3)(-4)$ .

$$\begin{aligned} -2(3)(-4) &= [-2(3)](-4) \\ &= -6(-4) \\ &= 24 \end{aligned}$$

Associative Property

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

$$-6(-4) = 24$$

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