

Objective 14
Multiply integers

PROBLEM

$$(-3)(-9) =$$

STEP 1

Multiply the absolute values of the integers.

$$\begin{aligned} |-3| \times |-9| &= 3 \times 9 \\ &= 27 \end{aligned}$$

STEP 2

Apply the rules for multiplying integers.

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

The integers -3 and -9 are both negative. The product is positive.

ANSWER

$$(-3)(-9) = 27$$

Independent Practice:

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

$$(-6)(-7) =$$

$$(5)(-9) =$$

$$(-7)(-3) =$$

$$(-2)(-9) =$$

Additional Help:

<http://www.mathgoodies.com/lessons/vol5/multiplication.html>

<http://www.math.com/school/subject1/lessons/S1U1L12DP.html>

Guided Practice:

Add the following integers:

$$(-8)(3) =$$

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

$$(-3)(-5) =$$

$$(-8)(-4) =$$