# DIVIDING INTEGERS

## Worksheet #2

Name: _____ Class: _____

Learning Goal: Students will be able to multiply integers in the form (-a) ÷ b using proper sign rules.

**Example:**

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

| | | |
|---|---|---|
| + | − | − |
| − | + | − |
| − | − | + |

$(-15) \div (3) = \square$

$(-55) \div (5) = \square$

$(-64) \div (4) = \square$

$(-70) \div (7) = \square$

$(-56) \div (8) = \square$

$(-81) \div (9) = \square$

$(-100) \div (10) = \square$

$(-36) \div (12) = \square$

# DIVIDING INTEGERS

## Worksheet #2 (Answers)

Name: _____ Class: _____

Learning Goal: Students will be able to multiply integers in the form (-a) ÷ b using proper sign rules.

**Example:**

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

$-15 \div (3) = \square$

-15 ÷ 3 Negative ÷ Positive = Negative

= -5

$(-55) \div (5) = \square$

-55 ÷ 5 Negative ÷ Positive = Negative

= -11

$(-64) \div (4) = \square$

-64 ÷ 4 Negative ÷ Positive = Negative

= -16

$(-70) \div (7) = \square$

-70 ÷ 7 Negative ÷ Positive = Negative

= -10

$(-56) \div (8) = \square$

-56 ÷ 8 Negative ÷ Positive = Negative

= -7

$(-81) \div (9) = \square$

-81 ÷ 9 Negative ÷ Positive = Negative

= -9

$(-100) \div (10) = \square$

-100 ÷ 10 Negative ÷ Positive = Negative

= -10

$(-36) \div (12) = \square$

-36 ÷ 12 Negative ÷ Positive = Negative

= -3