

DIVIDING INTEGERS

Worksheet #1

Name: _____

Class: _____

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

Example:

$$30 \div (-5) = -6$$

+	-	-
-	+	-
-	-	+

$$15 \div (-5) = \square$$

$$28 \div (-14) = \square$$

$$21 \div (-7) = \square$$

$$32 \div (-4) = \square$$

$$45 \div (-5) = \square$$

$$(63) \div (-5) = \square$$

$$(49) \div (-7) = \square$$

$$(75) \div (-3) = \square$$

DIVIDING INTEGERS

Worksheet #1 (Answers)

Name: _____

Class: _____

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

Example:

$$30 \div (-5) = -6$$

$$15 \div (-5) = \square$$

$$15 \div (-5) \quad \text{Positive} \div \text{Negative} = \text{Negative}$$

$$= -3$$

$$28 \div (-14) = \square$$

$$28 \div (-14) \quad \text{Positive} \div \text{Negative} = \text{Negative}$$

$$= -2$$

$$21 \div (-7) = \square$$

$$21 \div (-7) \quad \text{Positive} \div \text{Negative} = \text{Negative}$$

$$= -3$$

$$32 \div (-4) = \square$$

$$32 \div (-4) \quad \text{Positive} \div \text{Negative} = \text{Negative}$$

$$= -8$$

$$45 \div (-5) = \square$$

$$45 \div (-5)$$

$$= -9 \quad \text{Positive} \div \text{Negative} = \text{Negative}$$

$$(63) \div (-5) = \square$$

$$63 \div (-9)$$

$$= -7 \quad \text{Positive} \div \text{Negative} = \text{Negative}$$

$$(49) \div (-7) = \square$$

$$49 \div (-7)$$

$$= -7 \quad \text{Positive} \div \text{Negative} = \text{Negative}$$

$$(75) \div (-3) = \square$$

$$75 \div (-3)$$

$$= -25 \quad \text{Positive} \div \text{Negative} = \text{Negative}$$