DIVIDING INTEGERS

Worksheet #3

Name: _____ Class: _____

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

Example:

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

+	−	−
−	+	−
−	−	+

$(-32) \div (-2) = \square$

$(-45) \div (-3) = \square$

$(-48) \div (-4) = \square$

$(-65) \div (-5) = \square$

$(-72) \div (-8) = \square$

$(-90) \div (-9) = \square$

$(-56) \div (-7) = \square$

$(-77) \div (-11) = \square$

DIVIDING INTEGERS

Worksheet #3 (Answers)

Name: _____ Class: _____

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

Example:

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

$(-32) \div (-2) = \square$

-32 ÷ -2 Negative ÷ Negative = Positive

= 16

$(-45) \div (-3) = \square$

-45 ÷ -3 Negative ÷ Negative = Positive

= 15

$(-48) \div (-4) = \square$

-48 ÷ -4 Negative ÷ Negative = Positive

= 12

$(-65) \div (-5) = \square$

-65 ÷ -5 Negative ÷ Negative = Positive

= 13

$(-72) \div (-8) = \square$

-72 ÷ -8 Negative ÷ Negative = Positive

= 9

$(-90) \div (-9) = \square$

-90 ÷ -9 Negative ÷ Negative = Positive

= 10

$(-56) \div (-7) = \square$

-56 ÷ -7 Negative ÷ Negative = Positive

= 8

$(-77) \div (-11) = \square$

-77 ÷ -11 Negative ÷ Negative = Positive

= 7