DIVIDING INTEGERS

Worksheet #4

Name: _____ Class: _____

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

Example:

$$6 \div (-3) \div 2 = -1$$

+	−	−
−	+	−
−	−	+

$60 \div (-10) \div 2 = \square$

$81 \div (-9) \div 3 = \square$

$42 \div (-7) \div 3 = \square$

$100 \div (-5) \div 4 = \square$

$72 \div (-8) \div 3 = \square$

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

$90 \div (-6) \div 5 = \square$

$120 \div (-12) \div 2 = \square$

DIVIDING INTEGERS

Worksheet #4 Answer

Name: _____ Class: _____

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

Example:

$$6 \div (-3) \div 2 = -1$$

$60 \div (-10) \div 2 = \square$

60 ÷ (-10) ÷ 2

-6 ÷ 2 positive ÷ negative = negative

=-3

$81 \div (-9) \div 3 = \square$

81 ÷ (-9) ÷ 3

-9 ÷ 3 Positive ÷ Negative = Negative

=-3

$42 \div (-7) \div 3 = \square$

42 ÷ (-7) ÷ 3

-6 ÷ 3 Positive ÷ Negative = Negative

=-2

$100 \div (-5) \div 4 = \square$

100 ÷ (-5) ÷ 4

-20 ÷ 4 Positive ÷ Negative = Negative

=-5

$72 \div (-8) \div 3 = \square$

72 ÷ (-8) ÷ 3

-9 ÷ 3 Positive ÷ Negative = Negative

=-3

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

64 ÷ (-4) ÷ 4

-16 ÷ 4 Positive ÷ Negative = Negative

=-4

$90 \div (-6) \div 5 = \square$

90 ÷ (-6) ÷ 5

-15 ÷ 5 Positive ÷ Negative = Negative

=-3

$120 \div (-12) \div 2 = \square$

120 ÷ (-12) ÷ 2

-10 ÷ 2 Positive ÷ Negative = Negative

=-5