

Obj. _____ Multiply and Dividing Integers

Rules for multiplying and dividing integers

$$+ \cdot + = +$$

$$+ \div + = +$$

$$+ \cdot - = -$$

$$+ \div - = -$$

$$- \cdot + = -$$

$$- \div + = -$$

$$- \cdot - = +$$

$$- \div - = +$$

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Order of Operations

P E M D A S

L TO R
Left to right

P = Parenthesis

A = Add

E = Exponent

S = Subtract

M = multiply

D = Division

$$40 - 9(8 - 4)/3^2 + 10$$

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$$3 \cdot 5 = 15$$

$$4 \cdot (-4) = -16$$

$$-2 \cdot (-7) = 14$$

$$5 + 6(-3) = -13$$

$$-8 - (-4)(-3) = -20$$

$$-8 + (-12)$$

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$$(-35) \div (-5) = 7$$

$$\frac{8}{-2} = -4$$

$$\frac{+12}{4} = 3$$

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obj. _____ WP multiplying integers

At noon the temperature was 16°C . If the temperature then dropped 4°C per hour, what was the temperature at 6 pm?

$$\text{noon} \rightarrow 6\text{pm} = \underline{6} \text{ hrs}$$

$$\text{Drop} = 6 * 4 = 24^{\circ}$$

$$\text{temp} = 16 - 24 = \textcircled{-8^{\circ}}$$

$$16 - (6 * 4)$$

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