Algebra 2   Bellwork   Friday, September 11, 2015

1. Use the graph at the right to do the following:
a) State the Domain and Range using inequalities.

Domain: Range:

b) State intervals of increasing and decreasing using inequalities.

Increasing: Decreasing:

2. Solve this equation for Q.   3. Solve this equation for K.

$AB - QC = W$ $G(K + E) - X = D$
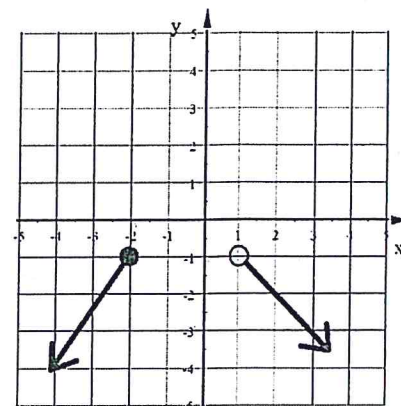
$Q =$ $K =$

4. Solve this equation for M. $\dfrac{M + H}{R} + Z = J$

$M =$

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1. Use the graph at the right to do the following:

a) State the Domain and Range using inequalities.

Domain:

$$x \le -2, \ x > 1$$

Range:

$$y \le -1$$

b) State intervals of increasing and decreasing using inequalities.

Increasing:

$$x \le -2$$

Decreasing:

$$x > 1$$

2. Solve this equation for Q.

$$AB - QC = W$$

$$Q = \frac{W - AB}{-C}$$

3. Solve this equation for K.

$$G(K + E) - X = D$$

$$K = \frac{D+X}{G} - E$$

or

$$= \frac{D + X - GE}{G}$$

4. Solve this equation for M.

$$\frac{M+H}{R} + Z = J$$

$$M = R(J - Z) - H$$

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