

1. Solve for G and state restrictions on the variables, if any.

$$P = \frac{R - KG}{M} + W$$

$$G =$$

Restrictions:

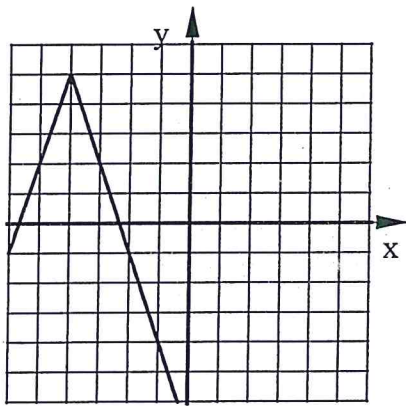
2. Solve for C and state restrictions on the variables, if any.

$$AB + MC = G(H - C)$$

$$C =$$

Restrictions:

3. Write the equation of this graph.



4. State ALL the subset(s) of the Real Numbers wo which each belongs.

a) $\frac{78}{6}$

b) $-\sqrt{441}$

c) $\sqrt{2}$

d) -2.378

5. Evaluate each for: $W = 8$ $X = -32$ $Z = -4$ $Y = 6$

a) $X^2 - |Y - W| - WXZ$

b) $-Z + WY^2 - |X|$

1. Solve for G and state restrictions on the variables, if any.

$$P = \frac{R - KG}{M} + W$$

$$G = \frac{m(p-w) - R}{-K}$$

Restrictions:

$$m \neq 0$$

$$K \neq 0$$

2. Solve for C and state restrictions on the variables, if any.

$$AB + MC = G(H - C)$$

$$AB + MC = GH - GC$$

$$AB + MC + GC = GH$$

$$MC + GC = GH - AB$$

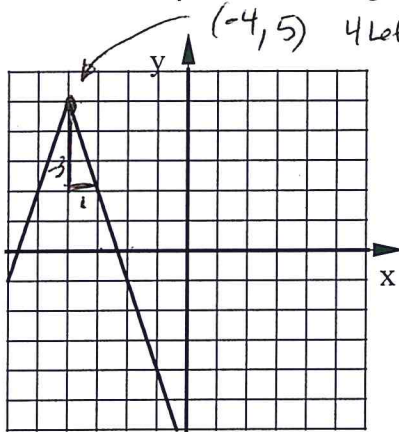
$$C(m+G) = GH - AB$$

$$C = \frac{GH - AB}{m+G}$$

Restrictions:

$$m+G \neq 0$$

3. Write the equation of this graph.



$(-4, 5)$ 4 left 5 up, upside down, sides have slope of ± 3

$$y = -3|x+4| + 5$$

4. State ALL the subset(s) of the Real Numbers to which each belongs.

a) $\frac{78}{6}$

$$= 13$$

Rational
Integer
whole
Natural

b) $-\sqrt{441}$

$$= -21$$

Rational
Integer

c) $\sqrt{2}$

Irrational

d) -2.378

Rational

5. Evaluate each for: $W = 8$ $X = -32$ $Z = -4$ $Y = 6$

a) $X^2 - |Y - W| - WXZ$

b) $-Z + WY^2 - |X|$

$$= (-32)^2 - |6 - 8| - (8)(-32)(-4)$$

$$= 1024 - |-2| - 1024$$

$$= 1024 - 2 - 1024$$

$$= -2$$

$$= -(-4) + 8(6)^2 - |-32|$$

$$= 4 + 8(36) - 32$$

$$= 4 + 288 - 32$$

$$= 260$$