

G varies jointly with W and the cube of M and inversely with the square of A. G=11.88 when W=4, M=3 and A=5. $G \sim k \sim N$

Find W when G=20, M=2, and A=8.

$$ZO = \frac{2.75W8}{64}$$

$$G = \frac{k W M^{3}}{A^{2}}$$

$$II.88 = I2 Y (27)$$

$$25$$

$$K = 2.75$$

 $y = 4x^2 + 12x - 15$

Find the following:

- a) Equation for the Line of Symmetry
- b) The coordinates of the Vertex (-1.5, -24)

x = -1

c) The y-intercept -15

- 8. y = -4(x 13)² + 18
 Find the following:
 a) Equation for the Line of Symmetry x = 13
 b) The coordinates of the Vertex (13,18)
- c) The y-intercept -658



9. State the solution to each compound inequality. State answer as a single inequality if possible.



