Name : _____

Write the Equation

1) The variable a varies directly with b and inversely with c. The value of a = 21 when b = 7 and c = 3. Write an equation that relates a, b and c.

   _____

2) The variable z varies jointly with x and square of y. The value of z is 350 when x = 2 and y = 5. Write an equation that relates x, y and z.

   _____

3) The variable u .... re of w. The value of u = −6.2 when .... relates u, v and w.

   _____

4) The variable p .... en q = −2. Write an equation that ....

   _____

5) The variable m varies jointly with f and h. The value of m = 15 when f = 3 and h = 1. Write an equation that relates f, h and m.

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