Name : _____

Write the Equation

1) The variable d varies jointly with f and h. The value of d = 90 when f = 2 and h = 9. Write an equation that relates d, f and h.

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2) The variable p varies directly with q and inversely with r. The value of p = −9.6 when q = 0.3 and r ~~0.3. Write an equation that relates p, q and r.~~

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3) The variable y ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ with z. The value of y = 6 when x = ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ y and z.

   _____

4) The variable u ~~~~~~ hen v = 1. Write an equation that ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

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5) The variable a varies jointly with b, c and d. The value of a = 14 when b = $\frac{3}{5}$, c = $\frac{5}{7}$ and d = $\frac{7}{9}$. Write an equation that relates a, b, c and d.

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