

Name : _____

Write the Equation

L2S2

- 1) The variable q varies directly with r and inversely with s . The value of q is 5 when $r = 12$ and $s = 2$. Write an equation that relates q , r and s .

- 2) The variable y varies jointly with t and x . The value of $y = \frac{1}{7}$ when $t = \frac{1}{4}$ and $x = \frac{6}{7}$. Write an equation that relates y , t and x .

- 3) The variable p varies inversely with t . The value of $p = -3$ when $t = 4$. Write an equation that relates p , q and t .

- 4) The variable m varies directly with n . The value of $m = 14.7$ when $n = 3$. Write an equation that relates m and n .

- 5) The variable m varies directly with n . The value of $m = -21$ when $n = -3$. Write an equation that relates m and n .

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