Name : _____

Missing Values

1) The variable c varies inversely with t. The value of c is −6 when t = −7.

   a) Write an equation that relates c and t.   _____

   b) Find the value of c when t = 2.   _____

2) The variable y varies inversely with q. The value of y is 2.3 when q = 7.2.

   a) Write an equa   _____

   b) Find the valu   _____

3) The variable r vari   = 2.

   a) Write an equa   _____

   b) Find the valu   _____

4) The variable u var   y = 3.

   a) Write an equa   _____

   b) Find the valu   _____

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5) The variable n varies inversely with d. The value of n is $\frac{4}{9}$ when d = $\frac{3}{8}$.

   a) Write an equation that relates d and n.   _____

   b) Find the value of n when d = $\frac{1}{18}$.   _____