Name : _____

Missing Values

1) The variable n varies inversely with m. The value of n is 1.5 when m = 5.

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

   b)   Find the value of n when m = 3.75.   _____

2) The variable s varies directly with w. The value of s is 24 when w = 4.

   a)   Write an equa   _____

   b)   Find the valu   _____

3) The variable x var   = $\frac{1}{16}$.

   a)   Write an equa   _____

   b)   Find the valu   _____

4) The variable t vari   = 6.

   a)   Write an equa   _____

   b)   Find the valu   _____

5) The variable p varies inversely with z. The value of p is 9 when z = 7.

   a)   Write an equation that relates z and p.   _____

   b)   Find the value of p when z = 21.   _____

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