

Name : _____

Constant of Variation

L1S2

- 1) The variable g varies inversely with h . The value of g is 0.3 when $h = 7$. Find the constant of variation (k).

- 2) The variable s varies directly with t . The value of s is 16 when $t = 76$. Find the constant of variation (k).

- 3) The variable w varies directly with x . The value of w is 12 when $x = 14$. Find the constant of variation (k).

- 4) The variable u varies directly with v . The value of u is 18 when $v = 4$. Find the constant of variation (k).

- 5) The variable a varies inversely with b . The value of a is $\frac{4}{5}$ when $b = 40$. Find the constant of variation (k).

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Constant of Variation

- 1) The variable g varies inversely with h . The value of g is 0.3 when $h = 7$. Find the constant of variation (k).

$k = 2.1$

- 2) The variable s varies directly with t . The value of s is 16 when $t = 76$. Find the constant of variation (k).

$k = \frac{2}{19}$

- 3) The variable w varies inversely with x . The value of w is 3 when $x = 14$. Find the constant of variation (k).

$k = 42$

- 4) The variable u varies directly with v . The value of u is 14 when $v = 4$. Find the constant of variation (k).

$k = 14$

- 5) The variable a varies inversely with b . The value of a is $\frac{4}{5}$ when $b = 40$. Find the constant of variation (k).

$k = 32$

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