

Name : _____

Constant of Variation

L1S4

- 1) The variable a varies inversely with b . The value of a is 9 when $b = 13$. Find the constant of variation (k).

- 2) The variable w varies inversely with x . The value of w is 5 when $x = 7$. Find the constant of variation (k).

- 3) The variable c varies inversely with d . The value of c is 14 when $d = \frac{6}{7}$. Find the constant of variation (k).

- 4) The variable m varies inversely with n . The value of m is 12 when $n = 6$. Find the constant of variation (k).

- 5) The variable s varies inversely with t . The value of s is 8.4 when $t = 12.5$. Find the constant of variation (k).

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Constant of Variation

L154

- 1) The variable a varies inversely with b . The value of a is 9 when $b = 13$. Find the constant of variation (k).

$k = 117$

- 2) The variable w varies inversely with x . The value of w is 5 when $x = 7$. Find the constant of variation (k).

$k = 35$

- 3) The variable c varies inversely with d . The value of c is 2 when $d = \frac{6}{7}$. Find the constant of variation (k).

$k = 7$

- 4) The variable m varies inversely with n . The value of m is 2 when $n = 6$. Find the constant of variation (k).

$k = 12$

- 5) The variable s varies inversely with t . The value of s is 8.4 when $t = 12.5$. Find the constant of variation (k).

$k = 105$

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