

Name : _____

Constant of Variation

L1S5

- 1) The variable p varies directly with q . The value of p is $\frac{1}{2}$ when $q = 7$. Find the constant of variation (k).

- 2) The variable y varies inversely with z . The value of y is 4 when $z = 9$. Find the constant of variation (k).

- 3) The variable u varies directly with v . The value of u is 1.3 when $v = 1.3$. Find the constant of variation (k).

- 4) The variable g varies directly with h . The value of g is 8 when $h = 8$. Find the constant of variation (k).

- 5) The variable m varies directly with n . The value of m is 75 when $n = 15$. Find the constant of variation (k).

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Constant of Variation

- 1) The variable p varies directly with q . The value of p is $\frac{1}{2}$ when $q = 7$. Find the constant of variation (k).

$$k = \frac{1}{14}$$

- 2) The variable y varies inversely with z . The value of y is 4 when $z = 9$. Find the constant of variation (k).

$$k = 36$$

- 3) The variable u varies directly with v . The value of u is 1.3 when $v = 1.3$. Find the constant of variation (k).

$$k = 5$$

- 4) The variable g varies directly with h . The value of g is 6 when $h = 8$. Find the constant of variation (k).

$$k = 6$$

- 5) The variable m varies directly with n . The value of m is 75 when $n = 15$. Find the constant of variation (k).

$$k = 5$$

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