

Name : _____

Constant of Variation - Equation

L2S2

1) $16 = \frac{2m}{n}$. Find the constant of variation if,

a) n varies directly with m . _____

b) m varies directly with n . _____

2) $\frac{10}{fg} = h^2$. Find the constant of variation if,

a) g varies in _____

b) f varies inv _____

3) $8pq - 3r = 0$. Find the constant of variation if,

a) q varies di _____

b) r varies joi _____

4) $\frac{u^3}{2} = vw$. Find the constant of variation if,

a) v varies di _____

b) w varies inversely with v and directly with u^3 . _____

5) $32z = \frac{6x}{y}$. Find the constant of variation if,

a) z varies directly with x and inversely with y . _____

b) x varies jointly with y and z . _____

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