

Name : _____

Constant of Variation - Equation

L2S5

1) $7fg = 4h$. Find the constant of variation if,

a) f varies directly with h and inversely with g . _____

b) h varies jointly with f and g . _____

2) $6z = \frac{x}{y}$. Find the constant of variation if,

a) x varies jointly with _____

b) z varies directly with _____

3) $\frac{n}{5} = 4wm^3$. Find the constant of variation if,

a) n varies jointly with _____

b) w varies inversely with _____

4) $2qr - 8u = 0$. Find the constant of variation if,

a) r varies directly with _____

b) u varies jointly with q and r . _____

5) $9n = \frac{2}{m}$. Find the constant of variation if,

a) m varies inversely with n . _____

b) n varies inversely with m . _____

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