

1)  $\frac{v}{w} = 9$ . Find the constant of variation if,

a)  $v$  varies directly with  $w$ . \_\_\_\_\_b)  $w$  varies directly with  $v$ . \_\_\_\_\_

2)  $pq = 3$ . Find the constant of variation if,

a)  $q$  varies inversely with  $p$ . \_\_\_\_\_b)  $p$  varies inversely with  $q$ . \_\_\_\_\_

3)  $2z - \frac{x}{11} = 0$ . Find the constant of variation if,

a)  $z$  varies directly with  $x$ . \_\_\_\_\_b)  $x$  varies directly with  $z$ . \_\_\_\_\_

4)  $n = \frac{6}{m}$ . Find the constant of variation if,

a)  $m$  varies inversely with  $n$ . \_\_\_\_\_b)  $n$  varies inversely with  $m$ . \_\_\_\_\_

5)  $3u = 5t$ . Find the constant of variation if,

a)  $u$  varies directly with  $t$ . \_\_\_\_\_b)  $t$  varies directly with  $u$ . \_\_\_\_\_