Constant of Variation

1) The variable p varies directly with q. The value of p is 12 when q = 6. Find the constant of variation (k).

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2) The variable z varies jointly with y and x. The value of cube root of z is 3 when y = −12 and x = −15. Find the constant of variation (k).

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3) The variable s .... e value of s is 32 when t = 2 and u = 3 ...

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4) The variable b .... $\frac{1}{7}$ when a = $\frac{2}{7}$, c = $\frac{4}{15}$ and d = $\frac{3}{8}$. Fin...

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5) The variable g varies jointly with f and h. The value of square root of g is 6 when f = 3.6 and h = 0.5. Find the constant of variation (k).

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