

Direct & Indirect Proportion Homework

1) a is directly proportional to b. When $a = 64$, $b = 8$

a) Find the constant of proportionality

b) Find a when $b = 12$

c) Find b when $a = 36$

2) r is indirectly proportional to the cube of t. When $r = 4$, $t = 2$

a) Find the constant of proportionality

b) Find r when $t = 10$

c) Find t when $r = 0.5$

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