

1.

Suppose y varies inversely with x and $x = 12$ when $y = 3$. What is the equation of the inverse variation?

- a. $yx=36$
- b. $y=123$
- c. $y=36$
- d. $12=3y$

Suppose a varies directly as b and inversely as c. Find b when $a = 5$ and $c = -4$ if $b = 12$ when $c = 3$ and $a = 8$.

- a. 22
- b. -12
- c. 20
- d. **-10**

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MATH GRADE 9