

Quiz 56

1. Which equation represents direct variation?

A) $y = 5x$

B) $xy = 5$

C) $y = 5$

D) $x + y = 5$

2. Write a direct variation equation if y varies directly with x and $y = 8$ and $x = 2$.

3. Suppose y varies directly with x , and $y = -9$ when $x = 3$. Find y when $x = -5$.

4. Suppose y varies directly with x , and $y = 1$ when $x = 5$. Find x when $y = 2$.

5. The number of words Emma types varies directly with the time she spends typing. Emma types 80 words in 2 minutes. How many words will she type in 5 minutes?