

# Direct Variation Mini Quiz

1. Does the chart show a direct variation? If so, what is the constant of variation?

x	y
3	-9
14	-42
-6	18

2. Suppose  $y$  varies directly as  $x$ . If  $y = 22$  when  $x = 5.5$ , what is  $x$  when  $y = 12$ ?

3. At the movie theater, 4 tickets cost \$48. How many tickets would cost \$72?