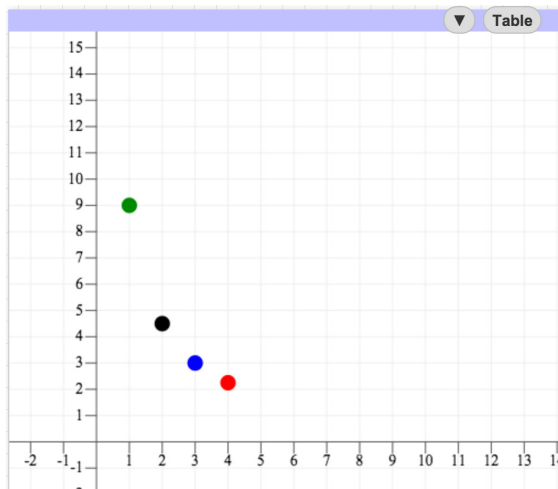


1. What value of  $k$  would allow the equation  $y = kx$  to model the situation that follows?  
 A runner is moving at 6 miles per hour during his marathon race (26.2 miles).  
 If  $y$  represents the total miles run and  $x$  represents the number of hours that have passed, write an equation that models the situation.

2. Decide if the data in the graph represent a direct or inverse relationship. \_\_\_\_\_  
 What is the value of  $k$  for the equation you chose?



Inverse	$k = xy$
Direct	$k = \frac{y}{x}$