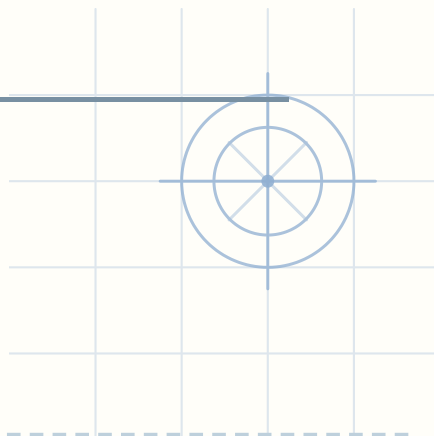


Constant of proportionality — Writing $y = kx$

Name: _____

Date: _____

Write the equation for each table in the form $y = kx$.



1

x	2	3	4	6
y	8	12	16	24

$\rightarrow y = \text{---} x$

2

x	3	4	6	9
y	12	16	24	36

$\rightarrow y = \text{---} x$

3

x	2	3	6	9
y	18	27	54	81

$\rightarrow y = \text{---} x$

4

x	4	5	7	9
y	20	25	35	45

$\rightarrow y = \text{---} x$

5

x	2	4	7	9
y	18	36	63	81

$\rightarrow y = \text{---} x$

6

x	2	4	5	6
y	22	44	55	66

$\rightarrow y = \text{---} x$



Constant of proportionality · Writing $y = kx$ — Answer key

1. x : 2, 3, 4, 6 y : 8, 12, 16, 24
 $\rightarrow y = 4x$

2. x : 3, 4, 6, 9 y : 12, 16, 24, 36
 $\rightarrow y = 4x$

3. x : 2, 3, 6, 9 y : 18, 27, 54, 81
 $\rightarrow y = 9x$

4. x : 4, 5, 7, 9 y : 20, 25, 35, 45
 $\rightarrow y = 5x$

5. x : 2, 4, 7, 9 y : 18, 36, 63, 81
 $\rightarrow y = 9x$

6. x : 2, 4, 5, 6 y : 22, 44, 55, 66
 $\rightarrow y = 11x$

