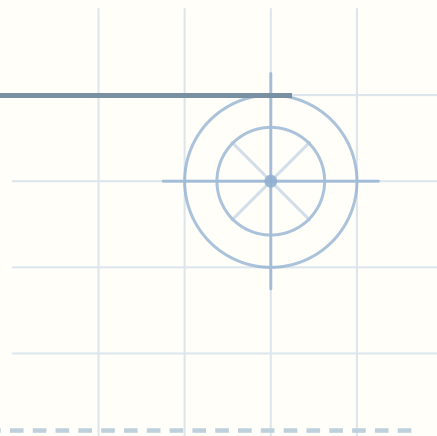


Constant of proportionality — The constant of proportionality

Name: _____

Date: _____

Find the constant of proportionality for each table.



1

x	3	7	8	9
y	6	14	16	18

$k \rightarrow$ _____

2

x	5	6	7	9
y	25	30	35	45

$k \rightarrow$ _____

3

x	2	3	7	8
y	16	24	56	64

$k \rightarrow$ _____

4

x	3	6	8	9
y	33	66	88	99

$k \rightarrow$ _____

5

x	5	7	8	9
y	20	28	32	36

$k \rightarrow$ _____

6

x	2	5	6	7
y	16	40	48	56

$k \rightarrow$ _____



Constant of proportionality · The constant of proportionality

— Answer key

1. x: 3, 7, 8, 9 y: 6, 14, 16, 18
→ $k = 2$

2. x: 5, 6, 7, 9 y: 25, 30, 35,
45 → $k = 5$

3. x: 2, 3, 7, 8 y: 16, 24, 56,
64 → $k = 8$

4. x: 3, 6, 8, 9 y: 33, 66, 88,
99 → $k = 11$

5. x: 5, 7, 8, 9 y: 20, 28, 32,
36 → $k = 4$

6. x: 2, 5, 6, 7 y: 16, 40, 48,
56 → $k = 8$

