

Constant of Proportionality ($y=kx$)

Given the ratio, write the equation in the form $y=kx$

1) $\frac{3}{1}$	2) $\frac{2}{5}$	3) $\frac{8}{11}$
4) $\frac{7}{8}$	5) $\frac{5}{1}$	6) $\frac{5}{7}$
7) $\frac{4}{9}$	8) $\frac{3}{8}$	9) $\frac{7}{9}$
10) $\frac{6}{7}$	11) $\frac{25}{26}$	12) $\frac{9}{13}$
13) $\frac{4}{1}$	14) $\frac{3}{4}$	15) $\frac{2}{5}$
16) $\frac{3}{5}$	17) 6	18) $\frac{7}{13}$
19) $\frac{3}{17}$	20) $\frac{4}{15}$	21) $\frac{7}{6}$
22) $\frac{11}{13}$	23) $\frac{21}{23}$	24) $\frac{4}{17}$

Given a table, write the constant of proportionality

1)

x	4	5	6
y	8	10	12

constant of proportionality:

2)

x	2	3	6
y	6	9	18

constant of proportionality:

3)

x	3	6	9
y	7	14	21

constant of proportionality:

4)

x	1	2	3	4
y	5	10	15	20

constant of proportionality:

5)

x	6	9	12	15	18
y	2	3	4	5	6

constant of proportionality:

6)

x	3	6	9	12	15
y	8	16	24	32	40

constant of proportionality:

7)

x	6	9	12	15	18
y	2	3	4	5	6

constant of proportionality:

8)

x	5	10	15	20	25
y	1	2	3	4	5

constant of proportionality:

9)

x	6	9	12	15	18
y	2	3	4	5	6

constant of proportionality:

10)

x	1	2	3	4	5
y	7	14	21	28	35

constant of proportionality:

