

# Multiplication Ratio Tables

Complete the ratio tables and find the proportionality constant.

1)

6	9	_____	_____
8	_____	20	-16

k =  
\_\_\_\_\_

2)

0.3	_____	0.2	12
0.6	3.0	_____	_____

k =  
\_\_\_\_\_

3)

6	10	20	_____
18	_____	_____	42

k =  
\_\_\_\_\_

4)

35	28	_____	21
_____	8	12	_____

k =  
\_\_\_\_\_

5)

42	_____	63	35
72	36	_____	_____

k =  
\_\_\_\_\_

6)

14	_____	_____	_____
10	20	40	60

k =  
\_\_\_\_\_

7)

15	14	10	_____
75	_____	_____	135

k =  
\_\_\_\_\_

8)

20	12.5	_____	_____
16	10	_____	12

k =  
\_\_\_\_\_

# Multiplication Ratio Tables

## Answers

1)

6	9	<u>15</u>	<u>-12</u>
8	<u>12</u>	20	-16

$$k = \frac{3}{4}$$

2)

0.3	<u>1.5</u>	0.2	12
0.6	3.0	<u>0.4</u>	<u>24</u>

$$k = \frac{1}{2}$$

3)

6	10	20	<u>14</u>
18	<u>30</u>	<u>60</u>	42

$$k = \frac{1}{3}$$

4)

35	28	<u>42</u>	21
<u>10</u>	8	12	<u>6</u>

$$k = \frac{7}{2}$$

5)

42	<u>21</u>	63	35
72	36	<u>108</u>	<u>60</u>

$$k = \frac{7}{12}$$

6)

14	<u>28</u>	<u>56</u>	<u>84</u>
10	20	40	60

$$k = \frac{7}{5}$$

7)

15	14	10	<u>27</u>
<u>75</u>	<u>70</u>	<u>50</u>	135

$$k = \frac{1}{5}$$

8)

20	12.5	<u>24</u>	<u>15</u>
16	10	<u>19.2</u>	12

$$k = \frac{5}{4}$$