

Ratio Tables Worksheet

Complete the given ratio tables and give the proportionality constant(k) linking the two variables x and y .

(1)

x	11	88	66	44
y	8	_____	_____	_____

$k =$

(2)

x	40	32	56	24
y	75	_____	_____	_____

$k =$

(3)

x	7	11	4	_____
y	_____	_____	32	24

$k =$

(4)

x	5	8	4	_____
y	25	_____	_____	60

$k =$

(5)

x	18	15	14	_____
y	90	_____	_____	60

$k =$

(6)

x	6	12	_____	_____
y	7	_____	21	28

$k =$

(7)

x	5	_____	15	20
y	6	12	_____	24

$k =$

(8)

x	6	10	_____	8
y	_____	_____	49	28

$k =$

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Answers

(1)

x	11	88	66	44
y	8	<u>64</u>	<u>48</u>	<u>32</u>

$$k = \frac{11}{8}$$

(2)

x	40	32	56	24
y	75	<u>60</u>	<u>105</u>	<u>45</u>

$$k = \frac{8}{15}$$

(3)

x	7	11	4	<u>3</u>
y	<u>56</u>	<u>88</u>	32	24

$$k = \frac{1}{8}$$

(4)

x	5	8	4	<u>12</u>
y	25	<u>40</u>	<u>20</u>	60

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

(5)

x	18	15	14	<u>12</u>
y	90	<u>75</u>	<u>70</u>	60

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

(6)

x	6	12	<u>18</u>	<u>24</u>
y	7	<u>14</u>	21	28

$$k = \frac{6}{7}$$

(7)

x	5	<u>10</u>	15	20
y	6	12	<u>18</u>	24

$$k = \frac{5}{6}$$

(8)

x	6	10	<u>14</u>	8
y	<u>21</u>	<u>35</u>	49	28

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