

EQUIVALENT RATIOS 7:3

1. Fill in the missing ratios in the table below so that they are all equivalent to 8 : 20

a) 2 : _____ b) 20 : _____ c) _____ : 25 d) _____ : 45

2. In a bookcase, the ratio of fiction to non-fiction books is 10 : 18.

Complete the missing ratios in the table.



	Fiction	Non-fiction
a)	30	
b)		90
c)	15	
d)		81

3) In a reptile house in a zoo, there are 12 lizards for every 9 snakes.

Complete the ratio table.



	Lizards	Snakes
a)	36	
b)	4	
c)		45
d)		21

4) The exchange rate converting dollars (\$) to euros (€) is 1 : 0.9

Fill in the missing amounts in the table.

\$: €

	Dollars	Euros
a)	\$10	
b)	\$200	
c)		€27
d)		€450

5) The scale on a map is 4 cm : 3 miles

Complete the missing numbers on the table.



	Map	Actual
a)	12 cm	
b)		18 miles
c)	1 cm	
d)		7 1/2 miles

6) The ratios in the table are all equivalent to $1\frac{1}{2} : 2\frac{3}{4}$

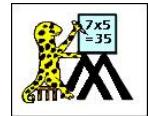
a) 6 : _____ b) _____ : $5\frac{1}{2}$ c) 15 : _____ d) _____ : 33

7) It takes Frazer 6 minutes to read 4 pages of his new book called 'Secret Life of Salamanders'.

At this rate of reading fill in the missing data in the table.



	Time	Pages Read
a)	30 min	
b)	45 min	
c)		48
d)		14



EQUIVALENT RATIOS 7:3 ANSWERS

1. Fill in the missing ratios in the table below so that they are all equivalent to 8 : 20

a) 2 : 5

b) 20 : 50

c) 10 : 25

d) 18 : 45

2. In a bookcase, the ratio of fiction to non-fiction books is 10 : 18.



Complete the missing ratios in the table.

	Fiction	Non-fiction
a)	30	<u>54</u>
b)	<u>50</u>	90
c)	15	<u>27</u>
d)	<u>45</u>	81

3) In a reptile house in a zoo, there are 12 lizards for every 9 snakes.

Complete the ratio table.



	Lizards	Snakes
a)	36	<u>27</u>
b)	4	<u>3</u>
c)	<u>60</u>	45
d)	<u>28</u>	21

4) The exchange rate converting dollars (\$) to euros (€) is 1 : 0.9

Fill in the missing amounts in the table.

$$\boxed{\$: €}$$

	Dollars	Euros
a)	\$10	<u>€9</u>
b)	\$200	<u>€180</u>
c)	<u>\$30</u>	€27
d)	<u>\$500</u>	€450

5) The scale on a map is 4 cm : 3 miles

Complete the missing numbers on the table.



	Map	Actual
a)	12 cm	<u>9 miles</u>
b)	<u>24 cm</u>	18 miles
c)	1 cm	<u>¾ mile</u>
d)	<u>10 cm</u>	7 ½ miles

6) The ratios in the table are all equivalent to $1\frac{1}{2} : 2\frac{3}{4}$

a) 6 : 11

b) 3 : $5\frac{1}{2}$

c) 15 : $27\frac{1}{2}$

d) 18 : 33

7) It takes Frazer 6 minutes to read 4 pages of his new book called 'Secret Life of Salamanders'.

At this rate of reading fill in the missing data in the table.



	Time	Pages Read
a)	30 min	<u>20</u>
b)	45 min	<u>30</u>
c)	<u>72 min</u>	48
d)	<u>21 min</u>	14