

Math Sheet

Name _____ Score _____ / 24 Teacher _____ Date _____

Equivalent ratios

Complete each equivalent-ratio task.

Write two equivalent ratios. Example multiples are shown only in the key.

1.

1	_____	_____
2	_____	_____

2.

9	_____	_____
4	_____	_____

3.

4	_____	_____
3	_____	_____

4.

8	_____	_____
5	_____	_____

5.

2	_____	_____
9	_____	_____

6.

1	_____	_____
12	_____	_____

Decide whether each pair is equivalent.

7.

10/12 Are these ratios equivalent? 30/36

8.

4/7 Are these ratios equivalent? 9/14

9.

11/7 Are these ratios equivalent? 34/21

10.

1/9 Are these ratios equivalent? 6/54

11.

7/5 Are these ratios equivalent? 15/10

12.

3/3 Are these ratios equivalent? 15/15

Use equivalent ratios to find the missing value.

13.

$x/40 = 54/48$ Find the missing value.

14.

$20/x = 16/12$ Find the missing value.

15.

$5/5 = x/6$ Find the missing value.

16.

$25/15 = 25/x$ Find the missing value.

17.

$x/25 = 10/25$ Find the missing value.

18.

$20/x = 20/32$ Find the missing value.

Math Sheet

Name _____ Score _____ / 24 Teacher _____ Date _____

Equivalent ratios

Answer key

Complete each equivalent-ratio task.

Write two equivalent ratios. Example multiples are shown only in the key.

Example answers; other multiples are valid

1.	1	2	3
	2	4	6

2.	9	18	27
	4	8	12

3.	4	8	12
	3	6	9

4.	8	16	24
	5	10	15

5.	2	4	6
	9	18	27

6.	1	2	3
	12	24	36

Decide whether each pair is equivalent.

7. 10/12 Are these ratios equivalent? 30/36
Yes

8. 4/7 Are these ratios equivalent? 9/14
No

9. 11/7 Are these ratios equivalent? 34/21
No

10. 1/9 Are these ratios equivalent? 6/54
Yes

11. 7/5 Are these ratios equivalent? 15/10
No

12. 3/3 Are these ratios equivalent? 15/15
Yes

Use equivalent ratios to find the missing value.

13. $x/40 = 54/48$ Find the missing value.
45

14. $20/x = 16/12$ Find the missing value.
15

15. $5/5 = x/6$ Find the missing value.
6

16. $25/15 = 25/x$ Find the missing value.
15

17. $x/25 = 10/25$ Find the missing value.
10

18. $20/x = 20/32$ Find the missing value.
32