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