Name : _____ Score : _____

Teacher : _____ Date : _____

Equivalent Ratios

Write two equivalent ratios.

1)

11		
6		

2)

9		
10		

3)

6		
11		

4)

2		
3		

5)

7		
11		

6)

7		
10		

Determine whether the ratios are equivalent.

7) $\frac{4}{7}$ and $\frac{7}{12}$ _____

8) $\frac{2}{7}$ and $\frac{14}{49}$ _____

9) $\frac{3}{11}$ and $\frac{15}{55}$ _____

10) $\frac{5}{11}$ and $\frac{7}{2}$ _____

11) $\frac{5}{12}$ and $\frac{10}{24}$ _____

12) $\frac{11}{12}$ and $\frac{11}{10}$ _____

Use equivalent ratios to find the unknown value.

13) $\frac{6}{7} = \frac{f}{42}$ f = _____

14) $\frac{11}{4} = \frac{77}{z}$ z = _____

15) $\frac{28}{r} = \frac{7}{5}$ r = _____

16) $\frac{9}{5} = \frac{54}{z}$ z = _____

17) $\frac{d}{16} = \frac{7}{8}$ d = _____

18) $\frac{12}{11} = \frac{f}{77}$ f = _____

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Equivalent Ratios

Write two equivalent ratios.

1)

11	22	33
6	12	18

2)

9	18	27
10	20	30

3)

6	12	18
11	22	33

4)

2	4	6
3	6	9

5)

7	14	21
11	22	33

6)

7	14	21
10	20	30

Determine whether the ratios are equivalent.

7) $\frac{4}{7}$ and $\frac{7}{12}$ No

8) $\frac{2}{7}$ and $\frac{14}{49}$ Yes

9) $\frac{3}{11}$ and $\frac{15}{55}$ Yes

10) $\frac{5}{11}$ and $\frac{7}{2}$ No

11) $\frac{5}{12}$ and $\frac{10}{24}$ Yes

12) $\frac{11}{12}$ and $\frac{11}{10}$ No

Use equivalent ratios to find the unknown value.

13) $\frac{6}{7} = \frac{f}{42}$ f = 36

14) $\frac{11}{4} = \frac{77}{z}$ z = 28

15) $\frac{28}{r} = \frac{7}{5}$ r = 20

16) $\frac{9}{5} = \frac{54}{z}$ z = 30

17) $\frac{d}{16} = \frac{7}{8}$ d = 14

18) $\frac{12}{11} = \frac{f}{77}$ f = 84