Name : _____ Score : _____

Teacher : _____ Date : _____

Equivalent Ratios

Write two equivalent ratios.

1)

7		
4		

2)

8		
3		

3)

5		
6		

4)

7		
2		

5)

5		
12		

6)

10		
3		

Determine whether the ratios are equivalent.

7) $\frac{4}{5}$ and $\frac{8}{10}$ _____

8) $\frac{5}{4}$ and $\frac{11}{10}$ _____

9) $\frac{2}{3}$ and $\frac{12}{18}$ _____

10) $\frac{8}{11}$ and $\frac{7}{10}$ _____

11) $\frac{9}{8}$ and $\frac{8}{9}$ _____

12) $\frac{11}{12}$ and $\frac{22}{24}$ _____

Use equivalent ratios to find the unknown value.

13) $\frac{60}{b} = \frac{10}{7}$ b = _____

14) $\frac{9}{7} = \frac{45}{z}$ z = _____

15) $\frac{7}{11} = \frac{28}{z}$ z = _____

16) $\frac{f}{66} = \frac{12}{11}$ f = _____

17) $\frac{12}{7} = \frac{r}{49}$ r = _____

18) $\frac{6}{b} = \frac{2}{7}$ b = _____

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Equivalent Ratios

Write two equivalent ratios.

1)

7	14	21
4	8	12

2)

8	16	24
3	6	9

3)

5	10	15
6	12	18

4)

7	14	21
2	4	6

5)

5	10	15
12	24	36

6)

10	20	30
3	6	9

Determine whether the ratios are equivalent.

7) $\frac{4}{5}$ and $\frac{8}{10}$ Yes

8) $\frac{5}{4}$ and $\frac{11}{10}$ No

9) $\frac{2}{3}$ and $\frac{12}{18}$ Yes

10) $\frac{8}{11}$ and $\frac{7}{10}$ No

11) $\frac{9}{8}$ and $\frac{8}{9}$ No

12) $\frac{11}{12}$ and $\frac{22}{24}$ Yes

Use equivalent ratios to find the unknown value.

13) $\frac{60}{b} = \frac{10}{7}$ b = 42

14) $\frac{9}{7} = \frac{45}{z}$ z = 35

15) $\frac{7}{11} = \frac{28}{z}$ z = 44

16) $\frac{f}{66} = \frac{12}{11}$ f = 72

17) $\frac{12}{7} = \frac{r}{49}$ r = 84

18) $\frac{6}{b} = \frac{2}{7}$ b = 21