Name : _____ Score : _____

Teacher : _____ Date : _____

Equivalent Ratios

Write two equivalent ratios.

1)

5		
4		

2)

6		
11		

3)

7		
4		

4)

10		
3		

5)

3		
11		

6)

11		
4		

Determine whether the ratios are equivalent.

7) $\frac{12}{7}$ and $\frac{5}{6}$ _____

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

9) $\frac{9}{7}$ and $\frac{45}{35}$ _____

10) $\frac{3}{10}$ and $\frac{12}{40}$ _____

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

12) $\frac{5}{9}$ and $\frac{20}{36}$ _____

Use equivalent ratios to find the unknown value.

13) $\frac{k}{42} = \frac{2}{7}$ k = _____

14) $\frac{8}{3} = \frac{24}{b}$ b = _____

15) $\frac{k}{66} = \frac{8}{11}$ k = _____

16) $\frac{2}{11} = \frac{n}{66}$ n = _____

17) $\frac{25}{h} = \frac{5}{8}$ h = _____

18) $\frac{7}{6} = \frac{n}{42}$ n = _____

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Equivalent Ratios

Write two equivalent ratios.

1)

5	10	15
4	8	12

2)

6	12	18
11	22	33

3)

7	14	21
4	8	12

4)

10	20	30
3	6	9

5)

3	6	9
11	22	33

6)

11	22	33
4	8	12

Determine whether the ratios are equivalent.

7) $\frac{12}{7}$ and $\frac{5}{6}$ No

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

9) $\frac{9}{7}$ and $\frac{45}{35}$ Yes

10) $\frac{3}{10}$ and $\frac{12}{40}$ Yes

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

12) $\frac{5}{9}$ and $\frac{20}{36}$ Yes

Use equivalent ratios to find the unknown value.

13) $\frac{k}{42} = \frac{2}{7}$ k = 12

14) $\frac{8}{3} = \frac{24}{b}$ b = 9

15) $\frac{k}{66} = \frac{8}{11}$ k = 48

16) $\frac{2}{11} = \frac{n}{66}$ n = 12

17) $\frac{25}{h} = \frac{5}{8}$ h = 40

18) $\frac{7}{6} = \frac{n}{42}$ n = 49