

Name : _____

Score : _____

Teacher : _____

Date : _____

Equivalent Ratios

Write two equivalent ratios.

1)

2		
5		

2)

9		
2		

3)

2		
3		

4)

5		
11		

5)

5		
6		

6)

11		
5		

Determine whether the ratios are equivalent.

7) $\frac{3}{2}$ and $\frac{11}{7}$ _____

8) $\frac{9}{7}$ and $\frac{10}{3}$ _____

9) $\frac{5}{9}$ and $\frac{2}{7}$ _____

10) $\frac{11}{6}$ and $\frac{11}{9}$ _____

11) $\frac{2}{9}$ and $\frac{10}{45}$ _____

12) $\frac{3}{8}$ and $\frac{21}{56}$ _____

Use equivalent ratios to find the unknown value.

13) $\frac{21}{f} = \frac{3}{5}$ f = _____

14) $\frac{11}{10} = \frac{44}{h}$ h = _____

15) $\frac{k}{49} = \frac{8}{7}$ k = _____

16) $\frac{12}{5} = \frac{36}{h}$ h = _____

17) $\frac{5}{7} = \frac{x}{42}$ x = _____

18) $\frac{k}{12} = \frac{8}{3}$ k = _____



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Equivalent Ratios

Write two equivalent ratios.

1)

2	4	6
5	10	15

2)

9	18	27
2	4	6

3)

2	4	6
3	6	9

4)

5	10	15
11	22	33

5)

5	10	15
6	12	18

6)

11	22	33
5	10	15

Determine whether the ratios are equivalent.

7) $\frac{3}{2}$ and $\frac{11}{7}$ No

8) $\frac{9}{7}$ and $\frac{10}{3}$ No

9) $\frac{5}{9}$ and $\frac{2}{7}$ No

10) $\frac{11}{6}$ and $\frac{11}{9}$ No

11) $\frac{2}{9}$ and $\frac{10}{45}$ Yes

12) $\frac{3}{8}$ and $\frac{21}{56}$ Yes

Use equivalent ratios to find the unknown value.

13) $\frac{21}{f} = \frac{3}{5}$ $f = \underline{35}$

14) $\frac{11}{10} = \frac{44}{h}$ $h = \underline{40}$

15) $\frac{k}{49} = \frac{8}{7}$ $k = \underline{56}$

16) $\frac{12}{5} = \frac{36}{h}$ $h = \underline{15}$

17) $\frac{5}{7} = \frac{x}{42}$ $x = \underline{30}$

18) $\frac{k}{12} = \frac{8}{3}$ $k = \underline{32}$

