

Name : _____

Score : _____

Teacher : _____

Date : _____

Equivalent Ratios

Write two equivalent ratios.

1)

5		
12		

2)

6		
11		

3)

4		
5		

4)

3		
5		

5)

6		
5		

6)

8		
9		

Determine whether the ratios are equivalent.

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

8) $\frac{9}{11}$ and $\frac{3}{7}$ _____

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

10) $\frac{9}{4}$ and $\frac{63}{28}$ _____

11) $\frac{8}{11}$ and $\frac{7}{9}$ _____

12) $\frac{7}{11}$ and $\frac{8}{3}$ _____

Use equivalent ratios to find the unknown value.

13) $\frac{12}{5} = \frac{s}{20}$ s = _____

14) $\frac{5}{2} = \frac{s}{12}$ s = _____

15) $\frac{54}{h} = \frac{9}{8}$ h = _____

16) $\frac{45}{h} = \frac{9}{2}$ h = _____

17) $\frac{n}{18} = \frac{5}{6}$ n = _____

18) $\frac{2}{5} = \frac{4}{y}$ y = _____



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Equivalent Ratios

Write two equivalent ratios.

 1)

5	10	15
12	24	36

 2)

6	12	18
11	22	33

 3)

4	8	12
5	10	15

 4)

3	6	9
5	10	15

 5)

6	12	18
5	10	15

 6)

8	16	24
9	18	27

Determine whether the ratios are equivalent.

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

8) $\frac{9}{11}$ and $\frac{3}{7}$ No

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

10) $\frac{9}{4}$ and $\frac{63}{28}$ Yes

11) $\frac{8}{11}$ and $\frac{7}{9}$ No

12) $\frac{7}{11}$ and $\frac{8}{3}$ No

Use equivalent ratios to find the unknown value.

13) $\frac{12}{5} = \frac{s}{20}$ s = 48

14) $\frac{5}{2} = \frac{s}{12}$ s = 30

15) $\frac{54}{h} = \frac{9}{8}$ h = 48

16) $\frac{45}{h} = \frac{9}{2}$ h = 10

17) $\frac{n}{18} = \frac{5}{6}$ n = 15

18) $\frac{2}{5} = \frac{4}{y}$ y = 10

