

Name : _____

Score : _____

Teacher : _____

Date : _____

Equivalent Ratios

Write two equivalent ratios.

1)

9		
7		

2)

4		
11		

3)

5		
7		

4)

3		
4		

5)

7		
3		

6)

7		
5		

Determine whether the ratios are equivalent.

7) $\frac{11}{6}$ and $\frac{4}{9}$ _____

8) $\frac{3}{10}$ and $\frac{21}{70}$ _____

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

10) $\frac{9}{2}$ and $\frac{27}{6}$ _____

11) $\frac{7}{9}$ and $\frac{4}{7}$ _____

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

Use equivalent ratios to find the unknown value.

13) $\frac{63}{a} = \frac{9}{8}$ a = _____

14) $\frac{5}{8} = \frac{10}{x}$ x = _____

15) $\frac{v}{20} = \frac{5}{4}$ v = _____

16) $\frac{6}{a} = \frac{3}{7}$ a = _____

17) $\frac{6}{5} = \frac{42}{x}$ x = _____

18) $\frac{7}{12} = \frac{r}{48}$ r = _____



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Equivalent Ratios

Write two equivalent ratios.

1)

9	18	27
7	14	21

2)

4	8	12
11	22	33

3)

5	10	15
7	14	21

4)

3	6	9
4	8	12

5)

7	14	21
3	6	9

6)

7	14	21
5	10	15

Determine whether the ratios are equivalent.

7) $\frac{11}{6}$ and $\frac{4}{9}$ No

8) $\frac{3}{10}$ and $\frac{21}{70}$ Yes

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

10) $\frac{9}{2}$ and $\frac{27}{6}$ Yes

11) $\frac{7}{9}$ and $\frac{4}{7}$ No

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

Use equivalent ratios to find the unknown value.

13) $\frac{63}{a} = \frac{9}{8}$ a = 56

14) $\frac{5}{8} = \frac{10}{x}$ x = 16

15) $\frac{v}{20} = \frac{5}{4}$ v = 25

16) $\frac{6}{a} = \frac{3}{7}$ a = 14

17) $\frac{6}{5} = \frac{42}{x}$ x = 35

18) $\frac{7}{12} = \frac{r}{48}$ r = 28

