

Name : _____

Score : _____

Teacher : _____

Date : _____

Equivalent Ratios

Write two equivalent ratios.

1)

12		
11		

2)

7		
8		

3)

8		
7		

4)

5		
4		

5)

2		
5		

6)

7		
10		

Determine whether the ratios are equivalent.

7) $\frac{3}{4}$ and $\frac{3}{10}$ _____

8) $\frac{8}{9}$ and $\frac{7}{4}$ _____

9) $\frac{11}{2}$ and $\frac{66}{12}$ _____

10) $\frac{11}{5}$ and $\frac{22}{10}$ _____

11) $\frac{4}{11}$ and $\frac{3}{7}$ _____

12) $\frac{11}{7}$ and $\frac{55}{35}$ _____

Use equivalent ratios to find the unknown value.

13) $\frac{48}{c} = \frac{12}{5}$ c = _____

14) $\frac{2}{11} = \frac{8}{n}$ n = _____

15) $\frac{36}{c} = \frac{6}{11}$ c = _____

16) $\frac{7}{5} = \frac{d}{20}$ d = _____

17) $\frac{h}{56} = \frac{11}{8}$ h = _____

18) $\frac{2}{9} = \frac{4}{n}$ n = _____



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Equivalent Ratios

Write two equivalent ratios.

 1)

12	24	36
11	22	33

 2)

7	14	21
8	16	24

 3)

8	16	24
7	14	21

 4)

5	10	15
4	8	12

 5)

2	4	6
5	10	15

 6)

7	14	21
10	20	30

Determine whether the ratios are equivalent.

7) $\frac{3}{4}$ and $\frac{3}{10}$ No

8) $\frac{8}{9}$ and $\frac{7}{4}$ No

9) $\frac{11}{2}$ and $\frac{66}{12}$ Yes

10) $\frac{11}{5}$ and $\frac{22}{10}$ Yes

11) $\frac{4}{11}$ and $\frac{3}{7}$ No

12) $\frac{11}{7}$ and $\frac{55}{35}$ Yes

Use equivalent ratios to find the unknown value.

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

14) $\frac{2}{11} = \frac{8}{n}$ $n = \underline{44}$

15) $\frac{36}{c} = \frac{6}{11}$ $c = \underline{66}$

16) $\frac{7}{5} = \frac{d}{20}$ $d = \underline{28}$

17) $\frac{h}{56} = \frac{11}{8}$ $h = \underline{77}$

18) $\frac{2}{9} = \frac{4}{n}$ $n = \underline{18}$

