

Name : _____

Score : _____

Teacher : _____

Date : _____

Equivalent Ratios

Write two equivalent ratios.

1)

3		
2		

2)

6		
7		

3)

12		
7		

4)

7		
6		

5)

2		
5		

6)

5		
3		

Determine whether the ratios are equivalent.

7) $\frac{2}{9}$ and $\frac{14}{63}$ _____

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

9) $\frac{5}{8}$ and $\frac{2}{3}$ _____

10) $\frac{11}{4}$ and $\frac{33}{12}$ _____

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

12) $\frac{2}{7}$ and $\frac{9}{4}$ _____

Use equivalent ratios to find the unknown value.

13) $\frac{9}{2} = \frac{54}{r}$ $r =$ _____

14) $\frac{45}{h} = \frac{9}{5}$ $h =$ _____

15) $\frac{12}{11} = \frac{k}{55}$ $k =$ _____

16) $\frac{7}{5} = \frac{k}{35}$ $k =$ _____

17) $\frac{3}{5} = \frac{12}{r}$ $r =$ _____

18) $\frac{a}{6} = \frac{7}{2}$ $a =$ _____



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Equivalent Ratios

Write two equivalent ratios.

 1)

3	6	9
2	4	6

 2)

6	12	18
7	14	21

 3)

12	24	36
7	14	21

 4)

7	14	21
6	12	18

 5)

2	4	6
5	10	15

 6)

5	10	15
3	6	9

Determine whether the ratios are equivalent.

7) $\frac{2}{9}$ and $\frac{14}{63}$ Yes

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

9) $\frac{5}{8}$ and $\frac{2}{3}$ No

10) $\frac{11}{4}$ and $\frac{33}{12}$ Yes

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

12) $\frac{2}{7}$ and $\frac{9}{4}$ No

Use equivalent ratios to find the unknown value.

13) $\frac{9}{2} = \frac{54}{r}$ $r = \underline{12}$

14) $\frac{45}{h} = \frac{9}{5}$ $h = \underline{25}$

15) $\frac{12}{11} = \frac{k}{55}$ $k = \underline{60}$

16) $\frac{7}{5} = \frac{k}{35}$ $k = \underline{49}$

17) $\frac{3}{5} = \frac{12}{r}$ $r = \underline{20}$

18) $\frac{a}{6} = \frac{7}{2}$ $a = \underline{21}$

