

Name : _____

Score : _____

Teacher : _____

Date : _____

Equivalent Ratios

Write two equivalent ratios.

1)

5		
3		

2)

4		
3		

3)

10		
3		

4)

8		
3		

5)

10		
11		

6)

9		
4		

Determine whether the ratios are equivalent.

7) $\frac{10}{9}$ and $\frac{40}{36}$ _____

8) $\frac{11}{5}$ and $\frac{7}{8}$ _____

9) $\frac{3}{4}$ and $\frac{12}{16}$ _____

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

11) $\frac{10}{7}$ and $\frac{30}{21}$ _____

12) $\frac{12}{11}$ and $\frac{5}{2}$ _____

Use equivalent ratios to find the unknown value.

13) $\frac{4}{7} = \frac{n}{42}$ $n =$ _____

14) $\frac{6}{y} = \frac{2}{9}$ $y =$ _____

15) $\frac{5}{8} = \frac{n}{56}$ $n =$ _____

16) $\frac{b}{20} = \frac{7}{4}$ $b =$ _____

17) $\frac{21}{y} = \frac{3}{5}$ $y =$ _____

18) $\frac{2}{3} = \frac{14}{h}$ $h =$ _____



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Equivalent Ratios

Write two equivalent ratios.

 1)

5	10	15
3	6	9

 2)

4	8	12
3	6	9

 3)

10	20	30
3	6	9

 4)

8	16	24
3	6	9

 5)

10	20	30
11	22	33

 6)

9	18	27
4	8	12

Determine whether the ratios are equivalent.

7) $\frac{10}{9}$ and $\frac{40}{36}$ Yes

8) $\frac{11}{5}$ and $\frac{7}{8}$ No

9) $\frac{3}{4}$ and $\frac{12}{16}$ Yes

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

11) $\frac{10}{7}$ and $\frac{30}{21}$ Yes

12) $\frac{12}{11}$ and $\frac{5}{2}$ No

Use equivalent ratios to find the unknown value.

13) $\frac{4}{7} = \frac{n}{42}$ $n =$ 24

14) $\frac{6}{y} = \frac{2}{9}$ $y =$ 27

15) $\frac{5}{8} = \frac{n}{56}$ $n =$ 35

16) $\frac{b}{20} = \frac{7}{4}$ $b =$ 35

17) $\frac{21}{y} = \frac{3}{5}$ $y =$ 35

18) $\frac{2}{3} = \frac{14}{h}$ $h =$ 21

