Name:

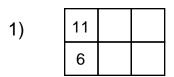
Score:

Teacher:

Date:

## **Equivalent Ratios**

Write two equivalent ratios.



Determine whether the ratios are equivalent.

7) 
$$\frac{4}{7}$$
 and  $\frac{7}{12}$  \_\_\_\_\_ 8)  $\frac{2}{7}$  and  $\frac{14}{49}$  \_\_\_\_\_ 9)  $\frac{3}{11}$  and  $\frac{15}{55}$  \_\_\_\_\_

8) 
$$\frac{2}{7}$$
 and  $\frac{14}{49}$  \_\_\_\_\_

9) 
$$\frac{3}{11}$$
 and  $\frac{15}{55}$  \_\_\_\_\_

10) 
$$\frac{5}{11}$$
 and  $\frac{7}{2}$  \_\_\_\_\_

11) 
$$\frac{5}{12}$$
 and  $\frac{10}{24}$  \_\_\_\_\_

10) 
$$\frac{5}{11}$$
 and  $\frac{7}{2}$  \_\_\_\_\_ 11)  $\frac{5}{12}$  and  $\frac{10}{24}$  \_\_\_\_\_ 12)  $\frac{11}{12}$  and  $\frac{11}{10}$  \_\_\_\_\_

Use equivalent ratios to find the unknown value.

13) 
$$\frac{6}{7} = \frac{f}{42}$$
  $f =$  14)  $\frac{11}{4} = \frac{77}{z}$   $z =$  15)  $\frac{28}{r} = \frac{7}{5}$   $r =$ 

$$\frac{11}{4} = \frac{77}{z}$$

$$\frac{28}{r} = \frac{7}{5}$$

16) 
$$\frac{9}{5} = \frac{54}{z}$$
  $z =$  17)  $\frac{d}{16} = \frac{7}{8}$   $d =$  18)  $\frac{12}{11} = \frac{f}{77}$   $f =$  ...

$$\frac{d}{16} = \frac{7}{8}$$

$$\frac{12}{11} = \frac{f}{77}$$

Name:

Score:

Teacher:

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## **Equivalent Ratios**

Write two equivalent ratios.

Determine whether the ratios are equivalent.

7) 
$$\frac{4}{7}$$
 and  $\frac{7}{12}$  No 8)  $\frac{2}{7}$  and  $\frac{14}{49}$  Yes 9)  $\frac{3}{11}$  and  $\frac{15}{55}$  Yes

8) 
$$\frac{2}{7}$$
 and  $\frac{14}{49}$ 

10) 
$$\frac{5}{11}$$
 and  $\frac{7}{2}$  No 11)  $\frac{5}{12}$  and  $\frac{10}{24}$  Yes 12)  $\frac{11}{12}$  and  $\frac{11}{10}$  No

$$\frac{5}{12}$$
 and  $\frac{10}{24}$ 

$$\frac{11}{12}$$
 and  $\frac{11}{10}$ 

Use equivalent ratios to find the unknown value.

13) 
$$\frac{6}{7} = \frac{f}{42}$$
  $f = 36$  14)  $\frac{11}{4} = \frac{77}{z}$   $z = 28$  15)  $\frac{28}{r} = \frac{7}{5}$   $r = 20$ 

$$\frac{11}{4} = \frac{77}{z}$$

$$\frac{28}{r} = \frac{7}{5}$$

16) 
$$\frac{9}{5} = \frac{5}{2}$$

16) 
$$\frac{9}{5} = \frac{54}{z}$$
  $z = 30$  17)  $\frac{d}{16} = \frac{7}{8}$   $d = 14$  18)  $\frac{12}{11} = \frac{f}{77}$   $f = 84$ 

