

Name \_\_\_\_\_ Date \_\_\_\_\_ Class \_\_\_\_\_

**LESSON**  
**4-5** **Practice B**  
**Equivalent Fractions**

Find two equivalent fractions for each fraction.

1.  $\frac{3}{6}$

\_\_\_\_\_

2.  $\frac{4}{7}$

\_\_\_\_\_

3.  $\frac{11}{13}$

\_\_\_\_\_

4.  $\frac{2}{15}$

\_\_\_\_\_

5.  $\frac{5}{14}$

\_\_\_\_\_

6.  $\frac{8}{9}$

\_\_\_\_\_

7.  $\frac{2}{21}$

\_\_\_\_\_

8.  $\frac{24}{48}$

\_\_\_\_\_

9.  $\frac{25}{100}$

\_\_\_\_\_

Find the missing numbers that make the fractions equivalent.

10.  $\frac{4}{7} = \frac{?}{28}$

\_\_\_\_\_

11.  $\frac{2}{9} = \frac{?}{54}$

\_\_\_\_\_

12.  $\frac{36}{4} = \frac{?}{1}$

\_\_\_\_\_

13.  $\frac{56}{8} = \frac{?}{2}$

\_\_\_\_\_

14.  $1\frac{3}{5} = \frac{?}{25}$

\_\_\_\_\_

15.  $1\frac{4}{7} = \frac{?}{42}$

\_\_\_\_\_

Write each fraction in simplest form.

16.  $\frac{15}{25}$

\_\_\_\_\_

17.  $\frac{8}{36}$

\_\_\_\_\_

18.  $\frac{12}{18}$

\_\_\_\_\_

19.  $\frac{10}{24}$

\_\_\_\_\_

20. Billy had 24 trading cards. He gave 7 of his cards to Miko and 9 of his cards to Teri. What fraction of his original 24 cards does Billy have left? Write two equivalent fractions for that amount.

\_\_\_\_\_

21. Beth and Kristine ride their bikes to school in the morning. Beth has to ride  $1\frac{7}{32}$  miles. Kristine has to ride  $\frac{39}{32}$  miles. Who rides the farthest to reach school? Explain.

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**LESSON**  
**4-5** **Practice C**  
**Equivalent Fractions**

Find two equivalent fractions for each fraction.

1.  $\frac{10}{15}$

\_\_\_\_\_

2.  $\frac{7}{18}$

\_\_\_\_\_

3.  $\frac{5}{16}$

\_\_\_\_\_

4.  $\frac{9}{23}$

\_\_\_\_\_

5.  $\frac{14}{27}$

\_\_\_\_\_

6.  $\frac{155}{255}$

\_\_\_\_\_

7.  $\frac{62}{80}$

\_\_\_\_\_

8.  $\frac{21}{77}$

\_\_\_\_\_

9.  $\frac{94}{102}$

\_\_\_\_\_

Find the missing numbers that make the fractions equivalent.

10.  $\frac{2}{21} = \frac{?}{42}$

\_\_\_\_\_

11.  $\frac{28}{56} = \frac{?}{14}$

\_\_\_\_\_

12.  $\frac{15}{13} = \frac{?}{39}$

\_\_\_\_\_

13.  $1\frac{10}{12} = \frac{?}{6}$

\_\_\_\_\_

14.  $2\frac{3}{8} = \frac{?}{16}$

\_\_\_\_\_

15.  $2\frac{4}{6} = \frac{?}{3}$

\_\_\_\_\_

Write each fraction in simplest form. Show two ways to simplify.

16.  $\frac{18}{30}$

\_\_\_\_\_

17.  $\frac{16}{24}$

\_\_\_\_\_

18.  $\frac{16}{48}$

\_\_\_\_\_

19.  $\frac{12}{39}$

\_\_\_\_\_

20. A theater manager has the same number of tickets available for every show. She sold  $\frac{27}{45}$  of the tickets for Monday night's show. For Tuesday night's show, she sold  $\frac{108}{180}$  of the tickets, and for Wednesday she sold  $\frac{79}{135}$  of the tickets. For which two shows did she sell the same number of tickets? Explain.
- \_\_\_\_\_

21. What do the fractions  $\frac{3}{17}$ ,  $\frac{5}{7}$ ,  $\frac{11}{23}$ , and  $\frac{83}{97}$  have in common? Why is it impossible to write those fractions in simplest form?
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- \_\_\_\_\_