

## Fractions and Division

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

Give each answer as a fraction.

1.  $3 \div 7$  \_\_\_\_\_

2.  $4 \div 9$  \_\_\_\_\_

3.  $1 \div 5$  \_\_\_\_\_

4.  $2 \div 8$  \_\_\_\_\_

5.  $3 \div 5$  \_\_\_\_\_

6.  $6 \div 7$  \_\_\_\_\_

At a golf course, there are 18 holes. Of the 18 holes, 3 are par threes, 8 are par fours, and 7 are par fives. What fraction of the holes are:



7. par fives? \_\_\_\_\_

8. par threes? \_\_\_\_\_

9. par fours? \_\_\_\_\_

10. Explain how you know that  $7 \div 9$  is less than 1. \_\_\_\_\_  
\_\_\_\_\_



11. After school, Sam spends 20 minutes reading, 30 minutes practicing the piano, 15 minutes cleaning her room, and 40 minutes doing her homework. She is busy for 105 minutes. What fraction of the time does she spend cleaning her room?

Name: \_\_\_\_\_

### Equivalent Fractions

Name **two** equivalent fractions for each fraction

1.  $\frac{2}{3}$

2.  $\frac{5}{8}$

3.  $\frac{2}{5}$

4.  $\frac{8}{16}$

5.  $\frac{3}{12}$

Find the missing number to make the fractions equivalent

6.  $\frac{7}{10} = \frac{21}{\quad}$

7.  $\frac{5}{\quad} = \frac{20}{36}$

8.  $\frac{\quad}{63} = \frac{7}{9}$

9.  $\frac{\quad}{6} = \frac{6}{36}$

10. Find the equivalent fraction for  $\frac{1}{3}$  with a numerator of 5. \_\_\_\_\_

11. Is  $\frac{5}{25}$  the equivalent to  $\frac{1}{4}$ ? \_\_\_\_\_

Name \_\_\_\_\_

Write each fraction in simplest form.

1.  $\frac{5}{10}$

2.  $\frac{14}{16}$

3.  $\frac{27}{45}$

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

Write each fraction in simplest form. If it is in simplest form, write simplest form.

5.  $\frac{5}{20}$

6.  $\frac{14}{18}$

7.  $\frac{5}{11}$

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

9.  $\frac{6}{20}$

10.  $\frac{36}{45}$

11.  $\frac{11}{33}$

12.  $\frac{24}{60}$

13.  $\frac{18}{24}$

14.  $\frac{12}{160}$

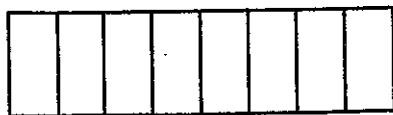
15.  $\frac{6}{12}$

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

17. **Writing in Math** Explain how to tell  $\frac{100}{105}$  is not in simplest form without finding all the factors.

**Test Prep** Circle the correct letter for the answer.

18. A piece of property has been divided into lots. If Ray bought 4 lots, what part of the property did he buy?



A  $\frac{4}{7}$

B  $\frac{3}{5}$

C  $\frac{2}{3}$

D  $\frac{1}{2}$

19. Which is  $\frac{18}{40}$  in simplest form?

A  $\frac{9}{20}$

B  $\frac{6}{15}$

C  $\frac{7}{20}$

D  $\frac{2}{3}$

# Review

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1.  $4 \times 22 =$

6.  $22 \times 31$

2.  $7 \times 36 =$

3.  $6 \times 44 =$

7.  $61 \times 29$

4.  $514 \times 8 =$

5.  $398 \times 6 =$