

Name \_\_\_\_\_

# Fractions in Simplest Form

Tell whether the fraction is in simplest form. Write *yes* or *no*.

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

\_\_\_\_\_

2.  $\frac{4}{6}$

\_\_\_\_\_

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

\_\_\_\_\_

4.  $\frac{7}{9}$

\_\_\_\_\_

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

\_\_\_\_\_

Write in simplest form.

6.  $\frac{3}{15}$

\_\_\_\_\_

7.  $\frac{4}{20}$

\_\_\_\_\_

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

\_\_\_\_\_

9.  $\frac{12}{36}$

\_\_\_\_\_

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

\_\_\_\_\_

## Mixed Applications

11. Gary bought 5 T-shirts. A total of 30 T-shirts were sold at the same store that morning. Write, in simplest form, the fraction of all the T-shirts sold that were Gary's.

\_\_\_\_\_

12. If a fraction is *not* in simplest form, can the greatest common factor of the numerator and the denominator be 1? Explain.

\_\_\_\_\_

\_\_\_\_\_

13. One store sells 4 bags of rice for \$16.20. Another store sells each bag for \$4.00. What is the difference in the price per bag at the two stores?

\_\_\_\_\_

14. Jim scored 88, 90, 85, 92, and 85 on his math tests. Find the average of his scores.

\_\_\_\_\_

## NUMBER SENSE

There were 10 guitars, 20 drums, and 5 violins in a store that sells musical instruments.

15. What is the total number of guitars, drums, and violins?

\_\_\_\_\_

16. Write in simplest form the fraction of all the instruments that were guitars. Explain what this fraction means.

\_\_\_\_\_

\_\_\_\_\_

# Fractions in Simplest Form

## Answer Key

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1. yes
2. no
3. yes
4. yes
5. no
6.  $\frac{1}{5}$
7.  $\frac{1}{5}$
8.  $\frac{3}{5}$
9.  $\frac{1}{3}$
10.  $\frac{1}{3}$
11.  $\frac{1}{6}$
12. No, the greatest common factor is 1 when the fraction is in simplest form.
13. \$0.05
14. 88
15. 35 guitars, drums, and violins
16.  $\frac{2}{7}$ ; Two out of every 7 instruments are guitars.

