

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

# Fractional Parts of a Number

CA Standard  
NS 1.5

Alicia had a basket with 15 cookies in it. Her friends ate  $\frac{2}{3}$  of the cookies. How many cookies did her friends eat?

Find  $\frac{2}{3}$  of 15.

Divide the total number by the denominator of the fraction.

Total Number		Denominator of fraction		Quotient
↓		↓		↓
15	÷	3	=	5

Multiply the quotient by the numerator of the fraction.

Numerator of fraction		Quotient		Fractional part of the number
↓		↓		↓
2	×	5	=	10

$\frac{2}{3}$  of 15 is 10.

**Solution:** Alicia's friends ate 10 cookies.

Find the fractional part of each number.

1.  $\frac{1}{2}$  of 14

\_\_\_\_\_

2.  $\frac{3}{4}$  of 12

\_\_\_\_\_

3.  $\frac{2}{5}$  of 10

\_\_\_\_\_

4.  $\frac{2}{3}$  of 9

\_\_\_\_\_

5.  $\frac{3}{5}$  of 20

\_\_\_\_\_

6.  $\frac{1}{6}$  of 18

\_\_\_\_\_

7.  $\frac{4}{4}$  of 12

\_\_\_\_\_

8.  $\frac{3}{7}$  of 14

\_\_\_\_\_

9.  $\frac{4}{5}$  of 25

\_\_\_\_\_

10.  $\frac{3}{7}$  of 21

\_\_\_\_\_

11.  $\frac{5}{8}$  of 24

\_\_\_\_\_

12.  $\frac{1}{3}$  of 30

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**Writing Math** Blake has 15 musical instruments. Guitars make up two-fifths of the instruments Blake has. How many of the musical instruments are guitars? Explain.

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