

**Homework**

The following shows how place value and money are related.

ones (dollars)	tenths (dimes)	hundredths (pennies)	thousandths (tenths of a penny)
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Write each fraction as a decimal and then say it.

1.  $\frac{349}{1,000}$  \_\_\_\_\_

2.  $\frac{6}{10}$  \_\_\_\_\_

3.  $\frac{58}{100}$  \_\_\_\_\_

4.  $\frac{27}{1,000}$  \_\_\_\_\_

5.  $\frac{2}{10}$  \_\_\_\_\_

6.  $\frac{9}{100}$  \_\_\_\_\_

7.  $\frac{6}{1,000}$  \_\_\_\_\_

8.  $\frac{71}{100}$  \_\_\_\_\_

9.  $\frac{90}{100}$  \_\_\_\_\_

10.  $\frac{843}{1,000}$  \_\_\_\_\_

11.  $\frac{5}{10}$  \_\_\_\_\_

12.  $\frac{4}{100}$  \_\_\_\_\_

13.  $\frac{1}{1,000}$  \_\_\_\_\_

14.  $\frac{45}{100}$  \_\_\_\_\_

15.  $\frac{896}{1,000}$  \_\_\_\_\_

16.  $\frac{58}{1,000}$  \_\_\_\_\_

Solve.

17. A large building has 1,000 windows, and 5 of the windows need to be replaced. What decimal represents the number of windows that need to be replaced?
- \_\_\_\_\_

18. At a reception, 23 of 100 pieces of wedding cake have been eaten. What decimal number represents the number of pieces of cake that have been eaten?
- \_\_\_\_\_

19. Jody made 10 party invitations. Yesterday she mailed 4 of them. What decimal represents the number of invitations that have been mailed?
- \_\_\_\_\_

20. There are 1,000 vehicles in a stadium parking lot; 422 of the vehicles are trucks. What decimal represents the number of vehicles that are trucks?
- \_\_\_\_\_

21. Mr. Chan handed out eight tenths of his flyers. Write a fraction and a decimal that represents the amount of the flyers that he handed out.
- \_\_\_\_\_

22. Jason has an album that holds 100 trading cards. He has 52 trading cards in the album. Write a fraction and a decimal that represent the amount of the album that is filled.
- \_\_\_\_\_

# Remembering

**Add.**

1.  $\frac{1}{3} + \frac{1}{7}$

2.  $\frac{1}{5} + \frac{8}{15}$

3.  $\frac{3}{8} + \frac{1}{4}$

**Subtract.**

4.  $\frac{4}{5} - \frac{1}{8}$

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

6.  $\frac{3}{5} - \frac{1}{12}$

**Add or Subtract.**

7. 
$$\begin{array}{r} 5 \\ - 3\frac{5}{8} \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 8\frac{1}{5} \\ + 5\frac{4}{7} \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 11\frac{2}{5} \\ - 6\frac{3}{20} \\ \hline \end{array}$$

**Solve.**

*Show your work.*

10. Kennedy served  $15\frac{3}{4}$  hours of volunteer service last month. She served  $21\frac{5}{6}$  hours of volunteer service this month. How many more hours did she serve this month?
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11. **Stretch Your Thinking** Draw a diagram that shows 0.5 and  $\frac{1}{2}$  are equivalent.