

# 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.

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|------------------------------|-------------------------------|-------------------------------|------------------------------|
| 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.

- |   |  |
|---|--|
| <p>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?</p> <p>_____</p> | <p>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?</p> <p>_____</p>                          |
| <p>19. Jody made 10 party invitations. Yesterday she mailed 4 of them. What decimal represents the number of invitations that have been mailed?</p> <p>_____</p>              | <p>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?</p> <p>_____</p>                           |
| <p>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.</p> <p>_____</p>           | <p>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.</p> <p>_____</p> |

**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.