

Homework

Write a decimal number for each word name.

1. nine thousand, six hundred five and nine tenths

2. two hundred ten thousand, fifty and nineteen hundredths

3. three tenths

4. seven thousandths

5. eight hundredths

Write each amount as a decimal number.

6. $\frac{602}{1,000}$ _____

7. $2\frac{21}{100}$ _____

8. $4\frac{9}{10}$ _____

9. $14\frac{27}{100}$ _____

10. $35\frac{712}{1,000}$ _____

11. $9\frac{5}{100}$ _____

12. $24\frac{13}{1,000}$ _____

13. $3\frac{68}{100}$ _____

14. $2\frac{1}{1,000}$ _____

15. $63\frac{7}{10}$ _____

16. $\frac{84}{1,000}$ _____

17. $29\frac{4}{1,000}$ _____

18. $8\frac{17}{1,000}$ _____

19. $\frac{6}{100}$ _____

20. $5\frac{106}{1,000}$ _____

21. $37\frac{3}{100}$ _____

Circle the value that is not equivalent to the other values.

22. 2.6 2.60 2.06 2.600

23. 4.07 4.070 4.70 4.0700

24. 65.800 65.8 65.08 65.80

25. 37.6 37.060 37.0600 37.06

26. Write three decimals that are equivalent.

27. Write the decimals in Exercise 26 as fractions.

Remembering

Add or Subtract.

$$\begin{array}{r} 1. \quad 8\frac{1}{6} \\ - 3\frac{3}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 6\frac{3}{4} \\ + 2\frac{4}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 9\frac{2}{3} \\ + 5\frac{7}{10} \\ \hline \end{array}$$

Solve.

Show your work.

4. Tanner earns 5 credits while playing on a math review website. He uses $2\frac{4}{15}$ credits while reviewing fractions. How many credits does he have left?

Estimate the sum or difference by rounding each mixed number to the nearest whole number. Then find the actual sum or difference.

$$\begin{array}{r} 5. \quad 15\frac{5}{6} \\ - 2\frac{1}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 8\frac{3}{5} \\ + 3\frac{1}{2} \\ \hline \end{array}$$

Estimate: _____

Estimate: _____

Difference: _____

Sum: _____

Write each fraction as a decimal and then say it.

$$7. \quad \frac{44}{100} \text{ _____}$$

$$8. \quad \frac{13}{1,000} \text{ _____}$$

$$9. \quad \frac{3}{10} \text{ _____}$$

$$10. \quad \frac{541}{1,000} \text{ _____}$$

11. **Stretch Your Thinking** Draw two number lines that show 0.20 and $\frac{1}{5}$ are equivalent.