Homework

Activity 1

Convert the fractions to decimal numbers.

1. $\frac{1}{2}$ **2.** $\frac{4}{5}$ **3.** $\frac{3}{4}$

4. $\frac{1}{4}$ **5.** $\frac{2}{3}$ **6.** $\frac{3}{8}$

Activity 2

Select the best answer for each of the questions about decimal numbers.

1. The decimal number 0.35 has a 3 in the tenths place and a 5 in the _____ place.
  (a) thousands
  (b) hundredths
  (c) thousandths

2. We can check that $\frac{4}{5}$ = 0.8 by doing this computation on the calculator.
  (a) $4 \div 5$
  (b) $4 + 5$
  (c) $4 \cdot 5$

3. The decimal number 0.87 is the same as what fraction?
  (a) $\frac{8}{7}$
  (b) $\frac{87}{10}$
  (c) $\frac{87}{100}$

4. What are the fraction/decimal number equivalents for "three hundredths"?
  (a) $0.3 = \frac{3}{10}$
  (b) $0.03 = \frac{3}{100}$
  (c) $0.003 = \frac{3}{1,000}$

Activity 3

Look at the data. Imagine how it would look in a box-and-whisker plot. Answer the questions about the data and how it would be arranged in the plot.

Data Set: 45, 34, 55, 87, 62, 79, 39, 75, 95

1. What number represents the median of this data? Is this the same as or different than the actual midpoint of the data?

2. Write a number that falls in the lower $\frac{1}{4}$.

3. What is the min?

4. Write a number that falls in the upper $\frac{1}{4}$.

5. What is the max?

Activity 4 • Distributed Practice

Solve.

1. $120 \div 12$

2. $437 + 223$

3. $15 \cdot 8$

4. $601 - 379$

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

6. $\frac{7}{9} - \frac{1}{3}$

7. $\frac{5}{11} \cdot \frac{1}{2}$

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

9. $\frac{4}{5} \div \frac{1}{5}$

10. $\frac{5}{9} - \frac{1}{6}$