Activity 1

Select the correct answer to each division problem.

1. $0.9 \div 0.3$
   - **(a)** 0.27
   - **(b)** 3
   - **(c)** 0.03

2. $1.5 \div 0.75$
   - **(a)** 0.2
   - **(b)** 0.02
   - **(c)** 2

3. $0.65 \div 0.5$
   - **(a)** 0.13
   - **(b)** 1.3
   - **(c)** 0.013

4. $0.78 \div 0.02$
   - **(a)** 39
   - **(b)** 3.9
   - **(c)** 0.39

Activity 2

Place the decimal point in the correct location in each of the problems to find the correct quotient.

Model $1.00 \div 0.5 = 020$

The decimal point goes after the 2: 2.0.

1. $0.75 \div 0.25 = 0300$

2. $0.38 \div 0.2 = 0190$

3. $0.05 \div 0.5 = 0100$

4. $0.27 \div 0.9 = 0300$

5. $4.5 \div 0.05 = 0900$

Activity 3

Select the decimal operation you would use for each of the problems. Then set up the problem and solve.

| **Model** | Tony needs to cut a board that is 0.68 inches long into 4 equal parts. How big is each part?
Answer: Division. 0.68 ÷ 4 = 0.17 inches |

1. Michael and McKay had lunch together. Michael's lunch cost $3.48. McKay's lunch cost $2.56. What was the total?

2. Ellen had a doctor's appointment and had to leave work 1.5 hours early today. Her boss deducted the time from her hours for the day, which were 7.5. How much time did she get paid for that day?

3. April gets paid $7.50 per hour. If she works 9.5 hours, what is her pay?

4. Albert is trying to figure out the tip for his meal. He wants to tip 15 percent, which is the same as 0.15. His meal cost $6.25. What is the tip?

5. Elizabeth has 3.5 yards of red fabric left over from last holiday season. She needs 0.25 yards of fabric to cover each jar lid she is decorating. How many lids can she cover with the leftover fabric?

Activity 4 • Distributed Practice

Solve.

1. $\frac{1}{2} + \frac{3}{5}$

2. $\frac{3}{4} - \frac{2}{3}$

3. $\frac{1}{6} \cdot \frac{1}{2}$

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

5. $1.75 + 2.38$

6. $15.08 - 12.99$

7. $13.5 \cdot 0.8$

8. $6.8 \div 0.2$

9. $18.9 + 22.7 + 85.79$

10. $10.5 \div 0.5$