

Explore Addition and Subtraction With Decimals

Find $0.37 + 0.09$.

Step 1: Change the decimals to fractions.

$$0.37 = \frac{37}{100}$$

$$0.09 = \frac{9}{100}$$

Step 2: Add the fractions.

$$\frac{37}{100} + \frac{9}{100} = \frac{46}{100}$$

Step 3: Write the sum as a decimal.

$$\frac{46}{100} = 0.46$$

Change each decimal to a fraction. Model each addition and subtraction. Write each sum as a decimal.

1. $0.18 + 0.5$

2. $0.29 + 0.68$

3. $0.4 + 0.87$

4. $0.56 + 0.98$

5. $0.41 + 2.03$

6. $5.17 + 3.65$

7. $0.19 - 0.08$

8. $0.7 - 0.5$

9. $0.8 - 0.25$

10. $3.28 - 1.46$

11. $2.5 - 1.72$

12. $5.8 - 4.9$

Problem Solving

13. Paul jogged 3.25 miles, Rick jogged $3\frac{1}{3}$ miles, and Sean jogged $3\frac{1}{8}$ miles. List the boys from least to greatest distance jogged. Tell how you found your answer.

Show Your Work