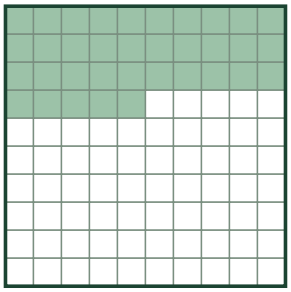
Adding & Subtracting Decimals

Name: _____ Date: _____ Grade 6

1. Select all the expressions that have a value greater than 1.

- ☐ **A.** 0.72 + 0.31
- ☐ **B.** 0.6 + 0.04
- ☐ **C.** 0.45 + 0.58
- ☐ **D.** 0.9 + 0.09
- ☐ **E.** 0.5 + 0.501

2. The diagram represents a square playground. The shaded part is a sandbox, and the unshaded part is grass. Each small square is 1 hundredth of the playground. Which equation shows how much more of the playground is grass than sandbox?



A 1 − 0.35 = 0.65

B 0.35 + 0.65 = 1

C 0.65 − 0.35 = 0.30

D 1 + 0.35 = 1.35

Problems 3–4: Determine each sum.

3. 0.34 + 0.518 _____

4. 24.6 + 0.375 _____

Adding & Subtracting Decimals

continued

5. **Determine the sum: 3.7 + 0.28. Show or explain your thinking.**

6. **Determine the difference: 7.854 – 3.62. Show or explain your thinking.**

7. **Ken wrote a vertical calculation for 6.45 + 2.3. His work is shown. Did Ken find the sum correctly? Explain your thinking.**

$$\begin{array}{r} 6.45 \\ +\ 2.03 \\ \hline 8.48 \end{array}$$

8. **Liz wrote a vertical calculation for 0.72 – 0.5. Her work is shown. Did Liz find the difference correctly? Explain your thinking.**

$$\begin{array}{r} 0.72 \\ -\ 0.05 \\ \hline 0.67 \end{array}$$