

Problem Solving Test Prep

Choose the correct answer.

- 1 The \blacktriangle and \blacksquare are different numbers between 0 and 8. In how many different ways can you complete this number sentence?

$$\blacktriangle + \blacksquare = 8$$

- A. 4 C. 9
B. 6 D. 16

- 2 Which number is NOT a possible sum if each \blacksquare is the same number?

$$\blacksquare + \blacksquare = \blacklozenge$$

- A. 14 C. 19
B. 16 D. 24

- 3 Which number sentence matches this story?

Sam has 8 toys. He gives 3 toys to his sister. How many toys does Sam have now?

- A. $11 - 8 = 3$ C. $8 - 5 = 3$
B. $8 + 3 = 11$ D. $8 - 3 = 5$

- 4 Use the digits 4, 5, and 6. What three-digit number can you make that is the closest to 500?

- A. 465 C. 645
B. 546 D. 654

Show What You Know

Solve each problem. Explain your answer.

- 5 Mrs. Brown has 3 groups of students. Each group has 2 packages of markers for an art project. There are 8 markers in each package. How many markers do the students have in all? Explain.

- 6 Kyle has 11 pennies. He wants to make 2 piles and use all the pennies. In how many different ways can he make 2 piles of pennies? Explain how you know you found all possible ways.
