

Name _____ Date _____

D Biggest and Smallest Sums



1. Put a digit (1, 2, 3, 4, 5, 6, 7, 8, 9, or 0) in each box. Use each digit once or not at all.

$$\square \square \square \square + \square \square \square \square$$

A. What is the largest sum you can make? _____

B. What is the smallest? _____

C. What are the answers to A and B if a digit can be used more than once?

Explain your strategies for Questions 1A–1C on a separate sheet of paper.

2. Put a digit (1, 2, 3, 4, 5, 6, 7, 8, 9, or 0) in each box. Use each digit once or not at all.

$$\square \square \square \square - \square \square \square \square$$

A. What is the largest difference you can make? _____

B. What is the smallest? _____

C. What are the answers to A and B if a digit can be used more than once?

Explain your strategies for Question 2A–2C on a separate sheet of paper.