

NAME \_\_\_\_\_

DATE \_\_\_\_\_



## Rolling Dice

Austin rolled six 4–9 dice. He arranged the dice and made these 3-digit numbers: 548 and 796.

- 1 What is the sum of Austin's numbers? Use the strategy of your choice and show your work below.
- 2 What is the difference between Austin's numbers? Use the strategy of your choice and show your work below.
- 3 What is the largest 6-digit number Austin can make with the numbers he rolled?
- 4 What is the smallest 6-digit number Austin can make with the numbers he rolled?
- 5 Austin rolled the dice again. This time he made these numbers: 467 and 594. Austin says he can add 460 and 601 and get the same sum as 467 and 594. Do you agree or disagree? Why?
- 6 Austin says he can find the difference between 467 and 594 by finding the difference between 473 and 600. Do you agree or disagree? Why?