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# Number Cards page 1 of 2

Hayley pulled 6 cards from a regular deck of cards. She arranged the cards into these 3-digit numbers: 348 and 956.

**1** What is the sum of Hayley's numbers? Use the strategy of your choice and show your work below.

**2** What is the difference between Hayley's numbers? Use the strategy of your choice and show your work below.

**3** What is the largest 6-digit number Hayley can make with the numbers she chose?

**4** What is the smallest 6-digit number Hayley can make with the numbers she chose?

**5** Hayley chose 6 more cards. This time she made these numbers: 278 and 421. Hayley says she can add 299 and 400 and get the same sum as 278 and 421. Do you agree or disagree? Why?

**6** Hayley says she can find the difference between 278 and 421 by finding the difference between 300 and 443. Do you agree or disagree? Why?

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### Review

**7** Add these pairs of fractions. Express the answer for each as a fraction with denominator 100.

$\frac{5}{10} + \frac{37}{100} =$ $\frac{6}{10} + \frac{6}{100} =$ $\frac{13}{10} + \frac{87}{100} =$ $\frac{4}{10} + \frac{12}{100} =$

**8** Place the decimals in their correct places on the number line.

0.4 0.1 0.8 0.25 0.55 0.95

### Story Problems

**9** There are 137 third graders, 139 fourth graders, and 153 fifth graders at Wood Upper Primary School. How many students are there in all? Show your work using numbers, sketches, or words.

**10** **CHALLENGE** Sarah, Rex, and Peter are all friends. One of them lives in a red house, one lives in a blue house, and the other lives in a green house. The person who lives in a green house has more than 3 letters in his name. The person who lives in a red house is not Rex. Which person lives in each house?