Possible Tasks:

1-2nd grade

Darla sorted the numbers 1 to 20 into these two groups:

Numbers with one digit: 1 2 3 4 5 6 7 8 9

Numbers with two digits: 10 11 12 13 14 15 16 17 18 19 20

Investigate other ways to sort the numbers 1 to 20 into groups.

Emily tossed three six-sided dice and made a total of twelve. What number of dots might have been on each dice?

I am thinking of a number between ten and one hundred. Its tens digit is two less than its units digit. What might the number be? Write all possible numbers.

3-5th grade

If the shape shown here is one-fourth of the larger shape, what might the larger shape look like?

Look at the following sequence: 1, 7, 13,19, 25… Is 80 a member of this sequence? Explain your reasoning?

Stamps can be purchased in rectangular sheets of varying size and number. Investigate how many different ways sixty stamps could be organized onto one sheet for sale.

I have drawn an irregular straight-sided shape with a perimeter of 7 inches (or cm.) What might my shape look like?

Some pancakes were shared among a number of people. Each person got 2 1/5 pancakes and there were none left over. How many pancakes might have been made and how many people might have shared them?

The answer to a calculation was 17.8. What might the calculation have been?

Six cubes were joined together, dipped in blue paint and then taken apart. Draw ways the cubes might have been put together so that when they were taken apart at least twenty-four faces were painted blue.