

Estimating, then calculating

Name: _____

You will need: A 6-sided dice and a writing tool (such as a pencil)

Task 1: Instructions	
1. Roll the dice four times to make two, 2-digit numbers. Record the addition problem in the space provided.	$\underline{\quad\quad} \quad \underline{\quad\quad} + \underline{\quad\quad} \quad \underline{\quad\quad}$
2. Before solving, estimate an answer to this problem. Record your estimate and the thinking behind your estimate in the space provided.	
3. Solve the addition problem using a strategy that makes sense to you. Record your strategy clearly in the space provided.	
4. What reflections do you have about the estimate? Record your thoughts clearly in the space provided.	

Task 2: Instructions

1. This time, roll the dice **five** times to make a 3-digit number and a 2-digit number.

Record the addition problem in the space provided.

$$\underline{\quad\quad\quad} \quad \underline{\quad\quad} \quad \underline{\quad\quad} + \underline{\quad\quad} \quad \underline{\quad\quad}$$

2. Before solving, **estimate** an answer to this problem.

Record your estimate and the thinking behind your estimate in the space provided.

3. Solve the addition problem using a strategy that makes sense to you.

Record your strategy clearly in the space provided.

4. What reflections do you have about the estimate?

Record your thoughts clearly in the space provided.

Task 3: Instructions

1. This time, roll the dice **six** times to make two, 3-digit numbers.

Record the addition problem in the space provided.

$$\underline{\quad\quad\quad} \quad \underline{\quad\quad\quad} \quad \underline{\quad\quad\quad} + \underline{\quad\quad\quad} \quad \underline{\quad\quad\quad} \quad \underline{\quad\quad\quad}$$

2. Before solving, **estimate** an answer to this problem.

Record your estimate and the thinking behind your estimate in the space provided.

3. Solve the addition problem using a strategy that makes sense to you.

Record your strategy clearly in the space provided.

4. What reflections do you have about the estimate?

Record your thoughts clearly in the space provided.

