



# Does My Answer Make Sense?

Let's decide if our answers make sense.

## Warm-up

### True or False: Is It Greater?

Decide if each statement is true or false. Be prepared to explain your reasoning.

- $20 + 20 + 20 > 100$

- $41 + 30 + 23 > 100$

- $46 + 33 + 24 > 100$



## Activity 1

### Noah's Estimate

1. Noah has \$1 to spend at the school store. He thinks that he can buy a glue stick, a pencil box, and a notebook.

| supplies       | cost |
|----------------|------|
| notebook       | 26¢  |
| colored pencil | 18¢  |
| pencil box     | 39¢  |
| glue stick     | 44¢  |

Does Noah's estimate make sense? Explain your reasoning to your partner.

2. Noah tries to buy each set of items. Estimate if he will spend less than or more than \$1. Explain your reasoning to your partner.
  - a. 2 glue sticks
  - b. 2 pencil boxes and 1 colored pencil
  - c. 2 glue sticks and 1 colored pencil
  - d. 4 notebooks

## Activity 2

### Solve and Reason

| supplies       | cost |
|----------------|------|
| notebook       | 26¢  |
| colored pencil | 18¢  |
| pencil box     | 39¢  |
| glue stick     | 44¢  |

1. Solve 1 of the problems. Show your thinking, using drawings, numbers, or words.
  - a. Andre buys a glue stick and a notebook. He has 15 cents left over. How much money did he start with?
  - b. Jada buys a pencil box and 2 colored pencils. Lin buys 2 glue sticks. Who spends more? How much more?

2. Trade work with a partner. Decide whether your partner's answer makes sense. Explain your reasoning.

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