Unit 2, Lesson 15

Does My Estimation Make Sense?

Let's decide if estimates make sense.

Warm-up

True or False: Is It Equal?

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

- $32 - 21 = 50$

- $43 + 48 = 50$

- $24 + 29 = 50$

Activity 1

Make an Estimate

1. There are 54 apple seeds in a bag. Then 32 more seeds are placed into the bag.

   Mai estimates that there are about 80 seeds now. Does her estimate make sense? Explain your reasoning.

2. Decide if each estimate makes sense. Explain your reasoning to your partner.

   There are 82 corn seeds in a bag. Kiran uses 28 for his art project. How many seeds are left in the bag?

   a. about 100 seeds
      Does it make sense?

   b. about 60 seeds
      Does it make sense?

   c. about 50 seeds
      Does it make sense?

Activity 2

Does It Make Sense?

Are the estimates for each problem too high, too low, or about right? Create your own estimates for the last problem. Show your thinking using objects, drawings, numbers, or words.

1. Tyler starts a game with 54 seeds. Lin captures 25 of his seeds. How many seeds does Tyler have now?

   about 60 seeds
   about 80 seeds
   about 30 seeds
   about 8 seeds

too low	about right	too high

2. Jada collects 24 apple seeds and 42 orange seeds. Then she collects 21 sunflower seeds. How many seeds does she have in all?

   about 80 seeds
   about 40 seeds
   about 120 seeds
   about 50 seeds

too low	about right	too high

3. Diego starts a game with 25 seeds. He captures 24 seeds. Then he captures 27 more. How many seeds does Diego have now?

   Record an estimate that would be “too high,” “too low,” and “about right.”

too low	about right	too high