Unit 2, Lesson 13

Story Problems and Equations

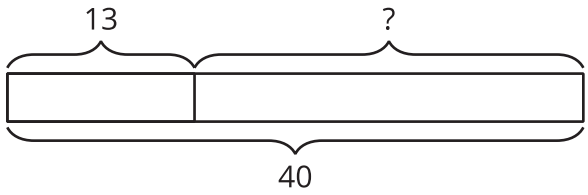
Let's make sense of equations and solve story problems.

Warm-up

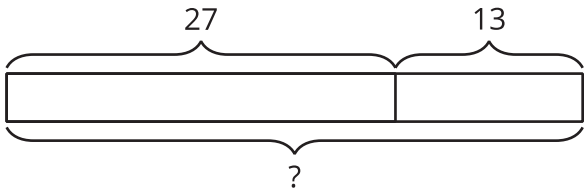
Which Three Go Together: Diagrams

Which 3 go together?

A



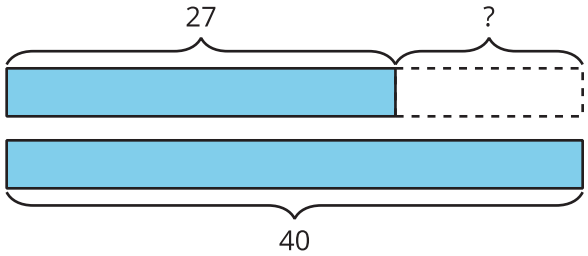
B



C

27 + _____ = 40

D



Activity 1

Card Sort: Story Problems and Equations

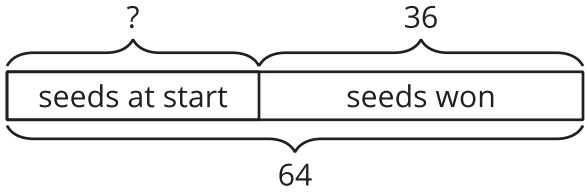
Your teacher will give you a set of cards that show story problems and equations.

1. Match each story problem to an equation. Be ready to explain your reasoning.

2. Choose 2 story problems. Solve them. Show your thinking using drawings, numbers, or words.

Activity 2

Represent and Solve Story Problems



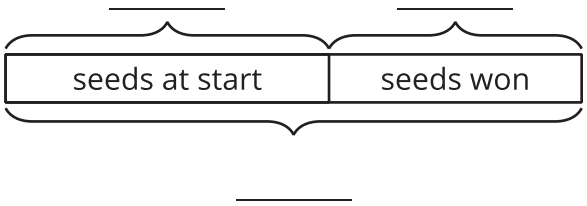
1. Lin plays a game with seeds. She starts with some seeds. Then she wins 36 more. Now she has 64 seeds. How many seeds did Lin have at first?

   a. Write an equation. Use a ? for the unknown value.

   b. Solve the equation. Show your thinking using drawings, numbers, or words.

2. Andre started a game with 32 seeds. Then he wins more. Now he has 57 seeds. How many seeds did Andre win?

   a. Label the diagram to represent the story.

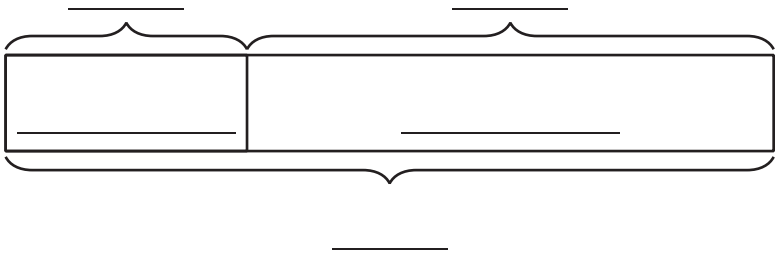


   b. Write an equation. Use a ? for the unknown value.

   c. Solve the equation. Show your thinking using drawings, numbers, or words.

3. Diego gathers 22 seeds from yellow flowers. He gathers 48 seeds from blue flowers. How many seeds does he gather in all?

   a. Label the diagram to represent the story.



   b. Write an equation. Use a ? for the unknown value.

   c. Solve the equation. Show your thinking using drawings, numbers, or words.

4. Noah and Kiran gather 92 pumpkin seeds. Noah gathers 53. How many seeds did Kiran gather?

   a. Draw a diagram to represent the story.

   b. Write an equation. Use a ? for the unknown value.

   c. Solve the equation. Show your thinking using drawings, numbers, or words.