

Lesson 6

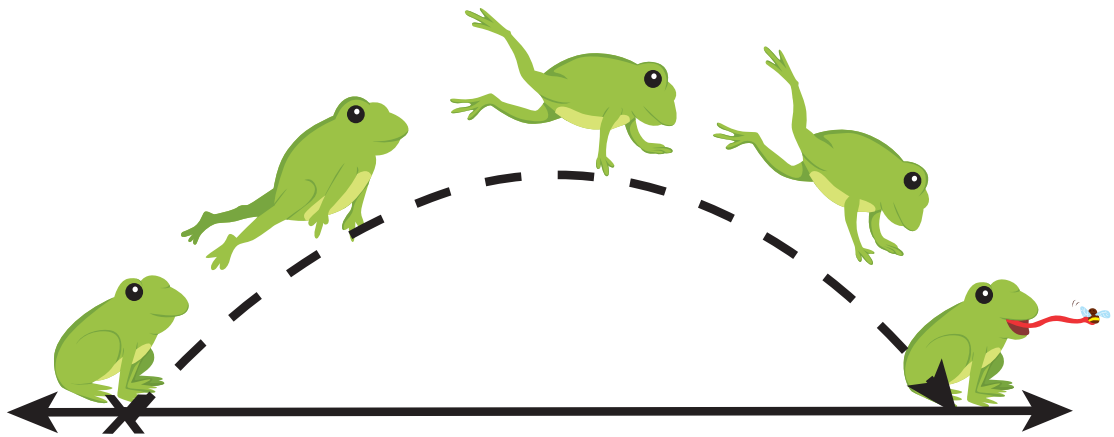
Recording Jumps as Addition
and Subtraction

My Learning Goal

I can write an equation to represent addition and subtraction on a number line.

Activate Open Number Line

- Look at the image. Think about what you notice and what you wonder.



Explore Recording Number Line Jumps

- Draw any unknown jumps.
- Write each unknown number.

1

A number line from 0 to 5. A jump starts at 2 and ends at 5, labeled with the number 3.

A vertical addition problem. The number 2 is in a box above the plus sign. The number 3 is in a circle to the right of the plus sign. A horizontal line is below the plus sign, and an empty box is below the line.

2

A number line from 0 to 5. A jump starts at 3 and ends at 1, labeled with the number 2.

A vertical subtraction problem. The number 3 is in a box above the minus sign. The number 2 is in a circle to the right of the minus sign. A horizontal line is below the minus sign, and an empty box is below the line.

3

A number line from 3 to 8. A jump starts at 3 and ends at 7.

A vertical addition problem. The number 3 is in a box above the plus sign. The number 4 is in a circle to the right of the plus sign. A horizontal line is below the plus sign, and an empty box is below the line.

➤ Label each jump and complete each equation.

4

A number line with points labeled 1, 2, 3, 4, 5, and 6. A curved arrow starts at 4 and ends at 6, with an 'x' mark at the starting point 4.

4
△ ○
6

5

A number line with points labeled 2, 3, 4, 5, 6, and 7. A curved arrow starts at 5 and ends at 3, with an 'x' mark at the starting point 5.

5
△ ○
□



Challenge

➤ Draw the jump. Then, determine the unknown number.

6

A number line with points labeled 0, 1, 2, 3, 4, 5, and 6.

□
△ ○
6

**Reflect** Rows at the Movie Theater

➤ Read the story. Then, answer each question.

Inhee and Ella go to the movies. Row 1 is the closet to the screen. Inhee sits in Row 2. Ella sits in Row 4.

- 1 Who is closest to the movie screen?
- 2 How many rows apart are Inhee and Ella? Explain your thinking.
- 3 When Ella moves 1 row closer to the screen, what row will she be in? Explain your thinking.



➤ Choose the problem that feels just right for you and fill in the star.