

Number Line Hops

Use hops to add and subtract.

GRADE 2 • NY-2.MD.6

NY-2.MD.6 "Represent whole numbers as lengths from 0 on a number line with equally spaced points corresponding to the numbers 0, 1, 2, ..., and represent whole-number sums and differences within 100 on a number line."

NAME _____

DATE _____

HOPS ON A NUMBER LINE

Start at a number. Move right to add. Move left to subtract.

WORKED EXAMPLE

A toy train is at point A. It moves 5 spaces right. What number does it reach?



1. Point A is at 14.
2. Move 5 spaces right.
3. $14 + 5 = 19$.

Answer: 19

PRACTICE 4 problems

- 1** A rabbit is on 6. It hops 4 spaces right. What number does it reach?

ANSWER _____

- 2** A game piece is on 17. It moves 6 spaces left. What number does it reach?

ANSWER _____

- 3** A puppy is on 12. It walks 6 spaces right. What number does it reach?

ANSWER _____

- 4** A robot is on 22. It moves 9 spaces left. What number does it reach?

ANSWER _____

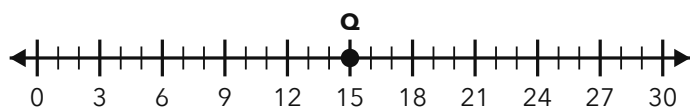
APPLY IT Show your work

- 1** In a video game, Kai is on level 11. He moves to point P. How many levels does he move?



ANSWER _____

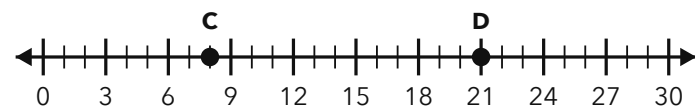
- 2** At a skate park, Ava starts at 24 on a score track. She moves back to point Q. How many spaces does she move?



ANSWER _____

CHALLENGE One step up

Use the number line. Fill both blanks: $8 + \underline{\quad} = 21$ and $21 - \underline{\quad} = 8$.



WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A rabbit is on 6. It hops 4 spaces right. What number does it reach?	10
2	A game piece is on 17. It moves 6 spaces left. What number does it reach?	11
3	A puppy is on 12. It walks 6 spaces right. What number does it reach?	18
4	A robot is on 22. It moves 9 spaces left. What number does it reach?	13

PART 2 • APPLY IT

1. **7 levels** Point P is at 18. Find $18 - 11 = 7$.
2. **9 spaces** Point Q is at 15. Find $24 - 15 = 9$.

CHALLENGE

$8 + 13 = 21$; $21 - 13 = 8$

Accept number answers with or without the unit when the question names levels or spaces. For the challenge, both blanks must be 13.