

Number Line Hops

Find how far apart two places are.

GRADE 2 • TEKS 2.9.C

2.9.C "represent whole numbers as distances from any given location on a number line;"

NAME _____

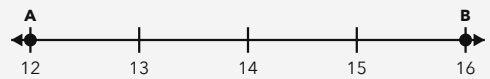
DATE _____

COUNT THE SPACES

A number line shows how far apart two places are. Count the equal spaces from the start to the end. The number of spaces is the distance in units. For example, from 50 to 54 is 4 units.

WORKED EXAMPLE

Look at the number line. How far is B from A?



1. Start at A, 12.
2. Count to B: 13, 14, 15, 16.
3. Count 4 spaces.

Answer: 4 units

PRACTICE 4 problems

- 1** A toy car moves from 1 to 4 on a number line. How far does it move?

ANSWER _____

- 2** A kitten walks from 2 to 8 on a number line. How far does it walk?

ANSWER _____

- 3** A snack cart moves from 6 to 9 on a number line. How far does it move?

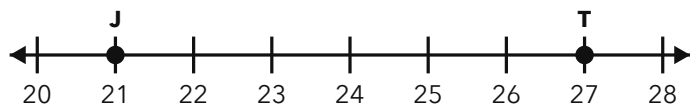
ANSWER _____

- 4** A fish swims from 5 to 7 on a number line. How far does it swim?

ANSWER _____

APPLY IT Show your work

- 1** On the game path, Jo's token is at J. The treasure is at T. How far is the treasure from Jo's token?



ANSWER _____

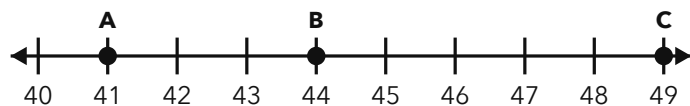
- 2** At a pet show, a puppy moves from 30 to 37 on a number line. How far does it move?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Look at the number line. Ana walks from A to B, then from B to C. How far is C from A? Explain.



WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A toy car moves from 1 to 4 on a number line. How far does it move?	3 units
2	A kitten walks from 2 to 8 on a number line. How far does it walk?	6 units
3	A snack cart moves from 6 to 9 on a number line. How far does it move?	3 units
4	A fish swims from 5 to 7 on a number line. How far does it swim?	2 units

PART 2 • APPLY IT

1. **6 units** Count the spaces from 21 to 27. There are 6 spaces.
2. **7 units** Count the spaces from 30 to 37. There are 7 spaces.

CHALLENGE

8 units. A to B is 3 units, and B to C is 5 units. $3 + 5 = 8$.

Accept a correct number with or without the word units. For the challenge, accept 8 units with a correct explanation using the two parts or counting from A to C.