LESSON MAKER PRO

Number Line Moves

Find lengths and moves on a number line.

GRADE 2 · MT.2.MD.6

MT.2.MD.6 "Represent whole numbers as lengths from 0 and represent sums and differences within 100 on a number line."

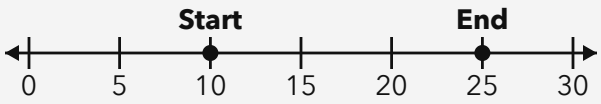
NAME _____ DATE _____

COUNT THE SPACES

The distance from 0 to a number shows its length. To find how far something moves, count the spaces between where it starts and where it ends.

WORKED EXAMPLE

A wind-up bug moves from Start to End. How many units does it move?

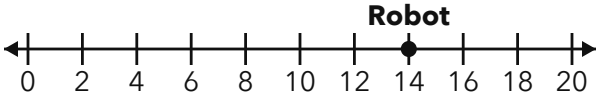


1. Start at 10.
2. Count three spaces of 5 to reach 25.
3. 5 + 5 + 5 = 15.

Answer: 15 units

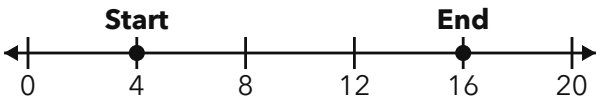
PRACTICE 5 problems

1 A toy robot is at Robot. How many units is it from 0?



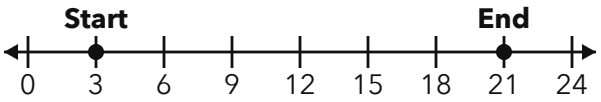
ANSWER _____

2 A marble rolls from Start to End. How many units does it roll?



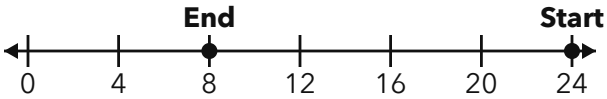
ANSWER _____

3 A toy frog hops from Start to End. How many units does it hop?



ANSWER _____

4 A game piece slides back from Start to End. How many units does it slide?



ANSWER _____

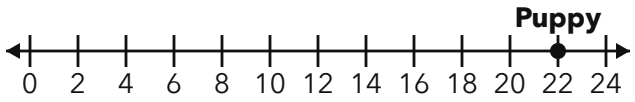
5 A bead starts at Bead and slides 6 units to the right. At what number does it stop?



ANSWER _____

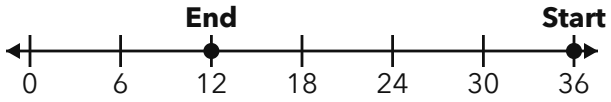
APPLY IT Show your work

1 At the park, a puppy runs from 0 to Puppy. How many units does it run?



ANSWER _____

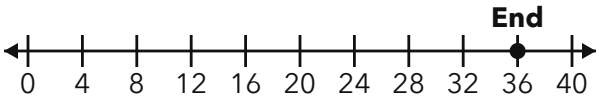
2 In a board game, Mia's piece moves back from Start to End. How many spaces does it move?



ANSWER _____

CHALLENGE One step up

A game token lands at End after moving 12 units to the right. What number did it start on? Explain how you know.



WORK SPACE AND ANSWER

ANSWER KEY

Number Line Moves

GRADE 2 · MT.2.MD.6

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A toy robot is at Robot. How many units is it from 0?	**14 units**
2	A marble rolls from Start to End. How many units does it roll?	**12 units**
3	A toy frog hops from Start to End. How many units does it hop?	**18 units**
4	A game piece slides back from Start to End. How many units does it slide?	**16 units**
5	A bead starts at Bead and slides 6 units to the right. At what number does it stop?	**8**

PART 2 · APPLY IT

1. **22 units** The distance from 0 to Puppy is 22 units.
2. **24 spaces** Count four spaces of 6 from 36 back to 12. Four spaces of 6 make 24.

CHALLENGE

24. Three spaces of 4 back from 36 land on 24.

Accept correct answers without units when the question asks for a distance. For the challenge, accept any clear explanation that shows 24 + 12 = 36.