LESSON MAKER PRO

Number Line Journeys

Show how far each jump goes.

GRADE 2 · 2.M.B.22

2.M.B.22 "Create a number line diagram using whole numbers and use it to represent whole-number sums and differences within 100."

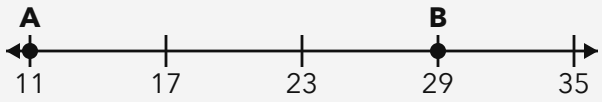
NAME _____ DATE _____

JUMP AND COUNT

Each space on a number line stands for the same number of units. Jump right to add or left to subtract. Count the units in your jumps, not just the spaces.

WORKED EXAMPLE

A caterpillar moves from A to B. How many units does it move?

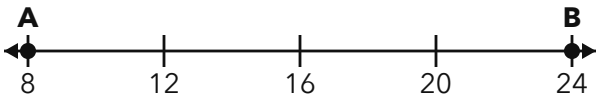


1. Start at 11.
2. Make 3 jumps of 6 units to reach 29.
3. 6 + 6 + 6 = 18.

Answer: 18 units

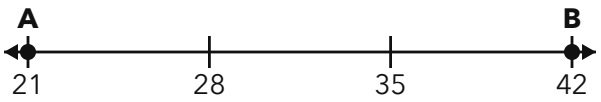
PRACTICE 5 problems

1 A snail crawls from A to B. How many units does it crawl?



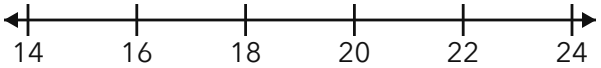
ANSWER _____

2 A toy car rolls left from B to A. How many units does it roll?



ANSWER _____

3 Mia adds 10 cm to a ribbon that is 14 cm long. Mark jumps on the number line to show the sum. How long is the ribbon?



ANSWER _____

_____

4 Kai has 47 blocks. He puts 20 blocks away. Draw a number line to show how many are left. How many blocks does he have now?

ANSWER _____

_____

5 Lena has 32 stickers. Her friend gives her 9 more. Draw a number line to show the sum. How many stickers does Lena have now?

ANSWER _____

_____

APPLY IT Show your work

1 At the park, Sam walks 26 steps to the swings, then 13 more steps to the slide. Draw a number line to show the trip. How many steps does Sam walk?

WORK SPACE

ANSWER _____

2 Noah has 58 toy cars. He gives 21 to his friends. Draw a number line to show how many are left. How many toy cars does Noah have now?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A frog starts at 46 on a number line and jumps right 19 units. Draw a number line that shows the trip in exactly two jumps. What number does the frog land on?

WORK SPACE AND ANSWER

ANSWER KEY

Number Line Journeys

GRADE 2 · 2.M.B.22

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A snail crawls from A to B. How many units does it crawl?	**16 units**
2	A toy car rolls left from B to A. How many units does it roll?	**21 units**
3	Mia adds 10 cm to a ribbon that is 14 cm long. Mark jumps on the number line to show the sum. How long is the ribbon?	**24 cm**
4	Kai has 47 blocks. He puts 20 blocks away. Draw a number line to show how many are left. How many blocks does he have now?	**27 blocks**
5	Lena has 32 stickers. Her friend gives her 9 more. Draw a number line to show the sum. How many stickers does Lena have now?	**41 stickers**

PART 2 · APPLY IT

1. **39 steps** Jump right 26 steps, then 13 more steps. The endpoint is 39.
2. **37 toy cars** Start at 58 and jump left 21. The endpoint is 37.

CHALLENGE

65. For example, jump from 46 to 56, then from 56 to 65.

Accept different jump sizes when the labeled number line shows the correct start, direction, and endpoint. For the first two problems, answers are distances in units, not counts of spaces.