

Number Line Spots

Find each number and tell why it belongs there.

GRADE 2 • 2.NS.2.f

2.NS.2.f "Plot and justify the position of a given number up to 100 on a number line with pre-marked benchmarks of 1s, 2s, 5s, 10s, or 25s."

NAME _____

DATE _____

FIND THE SPOT

Look for the two marked numbers your number is between.
Count the small marks from the lower number to place it.

WORKED EXAMPLE

A toy bin is labeled 35. Use a number line marked by 5s.

1. 35 is between 30 and 40.
2. Start at 30.
3. Move to the 35 mark.

Answer: 35 is the first mark after 30.

PRACTICE 4 problems

- 1** A robot has the number 42. On a number line marked by 1s, plot 42. Tell where it goes.

ANSWER _____

- 2** A snack box has the number 68. On a number line marked by 2s, plot 68. Tell where it goes.

ANSWER _____

- 3** A puppy tag has the number 25. On a number line marked by 5s, plot 25. Tell where it goes.

ANSWER _____

- 4** A toy car has the number 90. On a number line marked by 10s, plot 90. Tell where it goes.

ANSWER _____

APPLY IT Show your work

- 1** Mia's library book is number 54. The shelf line is marked by 2s. Plot 54. Where is it?

WORK SPACE

ANSWER _____

- 2** A game prize is in box 77. The box line is marked by 1s. Plot 77. Where is it?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A stuffed bear is number 73. Your number line has marks at 0, 25, 50, 75, and 100. Plot 73. Explain where it belongs.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A robot has the number 42. On a number line marked by 1s, plot 42. Tell where it goes.	42 is 2 marks after 40.
2	A snack box has the number 68. On a number line marked by 2s, plot 68. Tell where it goes.	68 is 4 marks after 60.
3	A puppy tag has the number 25. On a number line marked by 5s, plot 25. Tell where it goes.	25 is the mark between 20 and 30.
4	A toy car has the number 90. On a number line marked by 10s, plot 90. Tell where it goes.	90 is the mark after 80.

PART 2 • APPLY IT

- 54 is 4 marks after 46.** Count by 2s from 46: 48, 50, 52, 54.
- 77 is 7 marks after 70.** 77 is between 70 and 80. Count 7 small marks after 70.

CHALLENGE

73 is between 50 and 75. It is 2 less than 75, so it goes just before 75.

Accept a correct plotted point with a matching location statement. For lines marked by 2s, accept counting from either nearby even benchmark.