

Number Line Spots

Find where each number belongs.

GRADE 2 • TEKS 2.2.E

2.2.E "locate the position of a given whole number on an open number line; and"

NAME _____

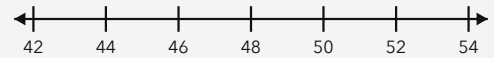
DATE _____

FIND THE SPOT

An open number line has equal spaces. Find what each space counts, then count from a labeled number.

WORKED EXAMPLE

Put a dot at 50.

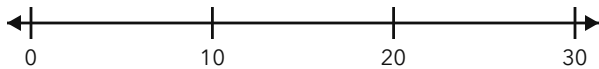


1. Start at 42.
2. Count by 2: 44, 46, 48, 50.
3. Put the dot on 50.

Answer: Dot at 50.

PRACTICE 4 problems

- 1** A toy car is at 20. Put a dot at 20.

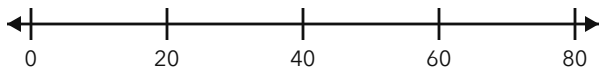


ANSWER _____

- 2** A frog's jump line starts at 11. Each mark is 3 more. It shows 11, 14, 17, 20. Write the next mark.

ANSWER _____

- 3** A puppy has 60 treats. Put a dot at 60.



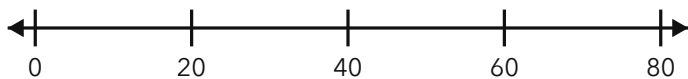
ANSWER _____

- 4** A game path starts at 7. Each mark is 4 more. It shows 7, 11, 15, 19. Write the next mark.

ANSWER _____

APPLY IT Show your work

- 1** Ava earns 80 game points. Put a dot where 80 goes.



ANSWER _____

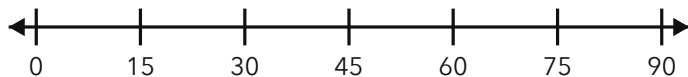
- 2** At a robot race, each space is 10. Kai is at 90. The start is 0. Write the number on Kai's space.

WORK SPACE

ANSWER _____

CHALLENGE One step up

Mia wants to put a dot at 75. Which tick gets the dot? Explain.



WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A toy car is at 20. Put a dot at 20.	Dot at 20.
2	A frog's jump line starts at 11. Each mark is 3 more. It shows 11, 14, 17, 20. Write the next mark.	23
3	A puppy has 60 treats. Put a dot at 60.	Dot at 60.
4	A game path starts at 7. Each mark is 4 more. It shows 7, 11, 15, 19. Write the next mark.	23

PART 2 • APPLY IT

1. **Dot at 80.** Count the equal spaces from 0 by 20. The last tick is 80.
2. **90** Count by 10 from 0 until reaching Kai's space. The number is 90.

CHALLENGE

75 is at the fifth tick after 0, one tick before 90.

Accept a correctly placed dot or circle on the named tick. For the challenge, accept any explanation that identifies 75 as one 15-step tick before 90.