

Count Forward Fun

Make number patterns by 5s, 10s, and 25s.

GRADE 2 • 2.NS.1.b

2.NS.1.b "Represent forward counting patterns created when counting by groups of 5s, 10s, and 25s starting at various multiples up to at least 200 using a variety of tools (e.g., objects, number lines, hundreds charts)."

NAME _____

DATE _____

COUNT IN EQUAL JUMPS

When you count by a group, add the same amount each time. You can count by 5s, 10s, or 25s. Start at the number you are given and keep adding.

WORKED EXAMPLE

A game counter starts at 0 and counts by 25. Write the next 3 numbers.

1. Start at 0.
2. Add 25: $0 + 25 = 25$.
3. Add 25 again: $25 + 25 = 50$.
4. Add 25 again: $50 + 25 = 75$.

Answer: 25, 50, 75

PRACTICE 5 problems

- 1** A bead tray is filled in groups of 5. It shows 80, 85, 90, __, __. Write the missing numbers.

ANSWER _____

- 2** A toy train moves to stops numbered by 10s. It stops at 110, 120, __, 140. Write the missing stop number.

ANSWER _____

- 3** A sticker album counts stickers in groups of 25. It shows 125, 150, 175, __. Write the next number.

ANSWER _____

- 4** Puppy treat jars are numbered by 5s. They show 55, 60, __, 70. Write the missing number.

ANSWER _____

- 5** A basketball scoreboard counts points by 10s. It shows 160, __, 180. Write the missing score.

ANSWER _____

APPLY IT Show your work

- 1** At a game booth, Jada's ticket display shows 105 tickets. It counts forward by 5 tickets. What are the next 3 numbers on the display?

WORK SPACE

ANSWER _____

- 2** A trading card app shows cards collected in groups of 25. It shows 100, 125, 150. What two totals come next?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A video game level meter starts at 125 and goes up by 25 each level. Write every number until it reaches 200. Tell how you know.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A bead tray is filled in groups of 5. It shows 80, 85, 90, ____, ____. Write the missing numbers.	95, 100
2	A toy train moves to stops numbered by 10s. It stops at 110, 120, ____, 140. Write the missing stop number.	130
3	A sticker album counts stickers in groups of 25. It shows 125, 150, 175, ____. Write the next number.	200
4	Puppy treat jars are numbered by 5s. They show 55, 60, ____, 70. Write the missing number.	65
5	A basketball scoreboard counts points by 10s. It shows 160, ____, 180. Write the missing score.	170

PART 2 • APPLY IT

1. **110, 115, 120** Start at 105 and add 5 each time. The next three numbers are 110, 115, and 120.
2. **175, 200** Add 25 to 150 to get 175. Add 25 again to get 200.

CHALLENGE

150, 175, 200. I added 25 each time.

Accept numbers written with commas or in order on separate lines. For the challenge, accept any clear explanation that the student added 25 each time.