LESSON MAKER PRO

What Comes Next?

Find the rule in each number pattern.

GRADE 2 · 2.OA.D

2.OA.D "Understand simple patterns."

NAME _____ DATE _____

FIND THE RULE

A number pattern follows a rule. Look at how much is added each time. Add the same amount to find a missing number.

WORKED EXAMPLE

A sticker book has 21, 23, 25, ____ stickers after four days. The same number of stickers is added each day. How many stickers are in the book after day 4?

1. 21 + 2 = 23
2. 23 + 2 = 25
3. 25 + 2 = 27

Answer: 27 stickers

PRACTICE 5 problems

1 A toy train picks up 2 blocks at each stop. It has 2, 4, 6, ___ blocks. How many blocks does it have next?

ANSWER _____

2 Lena puts 5 beads in a jar each day. The jar has 0, 5, 10, ___ beads. How many beads does it have next?

ANSWER _____

3 A player earns 3 points each round. The scores are 3, 6, 9, ___ points. What is the next score?

ANSWER _____

4 Mia adds 4 toy cars to a shelf at a time. The shelf has 4, 8, 12, ___ cars. How many cars does it have next?

ANSWER _____

5 A class collects 10 cans each day. The totals are 0, 10, ___, 30 cans. What number is missing?

ANSWER _____

APPLY IT Show your work

1 Noah adds 4 stickers to his book each week. His book has 0 stickers, then 4 stickers, then ___ stickers, then 12 stickers. How many stickers does it have after the second week?

WORK SPACE

ANSWER _____

2 Ella wins 5 tickets each time she plays a game. After three games, she has won 5, 10, then 15 tickets in all. How many tickets has she won after four games?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A robot takes 3 steps each time its light blinks. Its step counts are 0, 3, 6, ___, 12. What number is missing? Tell how you know.

WORK SPACE AND ANSWER

ANSWER KEY

What Comes Next?

GRADE 2 · 2.OA.D

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A toy train picks up 2 blocks at each stop. It has 2, 4, 6, ___ blocks. How many blocks does it have next?	**8 blocks**
2	Lena puts 5 beads in a jar each day. The jar has 0, 5, 10, ___ beads. How many beads does it have next?	**15 beads**
3	A player earns 3 points each round. The scores are 3, 6, 9, ___ points. What is the next score?	**12 points**
4	Mia adds 4 toy cars to a shelf at a time. The shelf has 4, 8, 12, ___ cars. How many cars does it have next?	**16 cars**
5	A class collects 10 cans each day. The totals are 0, 10, ___, 30 cans. What number is missing?	**20 cans**

PART 2 · APPLY IT

1. **8 stickers** Add 4 to 4. After the second week, the book has 8 stickers.
2. **20 tickets** Add 5 to 15 to get 20 tickets.

CHALLENGE

9 steps. Add 3 to 6 to get 9, then add 3 to get 12.

Accept a number without its unit when the unit is clear from the question. For the challenge, accept any explanation that shows the count goes up by 3 each time.