LESSON MAKER PRO

# Count Smart Stories

*Choose a counting plan, solve, and check.*

**GRADES K-12 · MA.K12.MTR.3.1**

**MA.K12.MTR.3.1** "Complete tasks with mathematical fluency. Mathematicians who complete tasks with mathematical fluency: Select efficient and appropriate methods for solving problems within the given context..."

NAME _____ DATE _____

## MAKE A COUNTING PLAN

First decide if things are joining or leaving. Count on when more things join, and count back when things leave. Check by counting all the things again in a new way.

**WORKED EXAMPLE**

Ava has 5 red balloons. She gets 2 blue balloons. How many balloons does Ava have?

1. More balloons join, so count on.
2. Start at 5. Count 6, 7.
3. Count all the balloons again to check.

**Answer: 7 balloons**

## PRACTICE 6 problems

**1** Leo has 3 toy cars. He gets 4 more toy cars. How many toy cars does he have? Solve and check by counting all.

**ANSWER** _____

**2** A nest has 8 eggs. 1 egg hatches. How many eggs are still in the nest? Solve and check by counting back.

**ANSWER** _____

**3** Nora finds 6 shells at the beach. She finds 3 more shells. How many shells does she have? Solve and check.

**ANSWER** _____

**4** A game box has 10 puzzle pieces. Sam puts 4 pieces on the table. How many pieces are still in the box? Solve and check.

**ANSWER** _____

**5** 1 bird sits on a fence. 8 more birds land on the fence. How many birds are on the fence? Solve and check by counting all.

**ANSWER** _____

**6** Ava has 4 grapes. Her dad gives her 4 more grapes. How many grapes does Ava have? Solve and check.

**ANSWER** _____

## APPLY IT Show your work

**1** At recess, 8 children are playing hopscotch. 1 more child joins them. How many children are playing hopscotch now? Show your counting plan and check your answer.

WORK SPACE

**ANSWER** _____

**2** A class has 9 beanbags for a game. 1 beanbag is put away. How many beanbags are ready for the game? Show your counting plan and check your answer.

WORK SPACE

**ANSWER** _____

## CHALLENGE One step up

Mia has 6 crayons. Her friend gives her 4 more crayons. Mia gives 1 crayon to her brother. How many crayons does Mia have now? Tell how you checked.

WORK SPACE AND ANSWER

**ANSWER KEY**

# Count Smart Stories

**GRADES K-12 · MA.K12.MTR.3.1**

## PART 1 · PRACTICE

| # | PROBLEM | ANSWER |
|---|---|---|
| 1 | Leo has 3 toy cars. He gets 4 more toy cars. How many toy cars does he have? Solve and check by counting all. | **7 toy cars** |
| 2 | A nest has 8 eggs. 1 egg hatches. How many eggs are still in the nest? Solve and check by counting back. | **7 eggs** |
| 3 | Nora finds 6 shells at the beach. She finds 3 more shells. How many shells does she have? Solve and check. | **9 shells** |
| 4 | A game box has 10 puzzle pieces. Sam puts 4 pieces on the table. How many pieces are still in the box? Solve and check. | **6 puzzle pieces** |
| 5 | 1 bird sits on a fence. 8 more birds land on the fence. How many birds are on the fence? Solve and check by counting all. | **9 birds** |
| 6 | Ava has 4 grapes. Her dad gives her 4 more grapes. How many grapes does Ava have? Solve and check. | **8 grapes** |

## PART 2 · APPLY IT

1. **9 children** More children join, so count on from 8 to 9. Check by counting all 9 children.
2. **8 beanbags** A beanbag leaves, so count back from 9 to 8. Check by counting the beanbags that are ready.

## CHALLENGE

**9 crayons. Sample check: 6 plus 4 is 10, and 10 take away 1 is 9.**

Accept the number alone or the number with the item name. For the challenge, accept any clear check that shows 6 plus 4 equals 10 and 10 take away 1 equals 9.