

Plan, Solve, Check

Use a plan and check your math.

GRADE 2 • 2.MP

2.MP "Display perseverance and patience in problem-solving. Demonstrate skills and strategies needed to succeed in mathematics, including critical thinking, reasoning, and effective collaboration and expression. Seek help and apply feedback..."

NAME _____

DATE _____

MATH PROBLEM STEPS

Read the story. Decide if you need to put together or take away. Solve, then check if your answer makes sense.

WORKED EXAMPLE

Noah has 7 crayons. He gets 4 more crayons. How many crayons does he have?

1. Plan: Put the crayons together.
2. Solve: $7 + 4 = 11$.
3. Check: 11 is more than 7.

Answer: 11 crayons

PRACTICE 4 problems

- 1** Mia has 3 toy cars. Her brother gives her 2 more. Plan, solve, and check.

ANSWER _____

- 2** A bowl has 10 grapes. Sam eats 1 grape. Plan, solve, and check.

ANSWER _____

- 3** A tank has 6 fish. Then 3 fish swim away. Plan, solve, and check.

ANSWER _____

- 4** Kai has 12 blocks. He puts 2 blocks away. Plan, solve, and check.

ANSWER _____

APPLY IT Show your work

- 1** Lena has 8 star stickers. She gets 5 more stickers. How many stickers does she have? Write a plan, solve, and check.

WORK SPACE

ANSWER _____

- 2** A bracelet has 14 beads. Zoe uses 6 beads. How many beads are left? Write a plan, solve, and check.

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

There are 15 balloons. Nine are red. The rest are blue. How many are blue? Explain how you checked.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Mia has 3 toy cars. Her brother gives her 2 more. Plan, solve, and check.	5 toy cars
2	A bowl has 10 grapes. Sam eats 1 grape. Plan, solve, and check.	9 grapes
3	A tank has 6 fish. Then 3 fish swim away. Plan, solve, and check.	3 fish
4	Kai has 12 blocks. He puts 2 blocks away. Plan, solve, and check.	10 blocks

PART 2 • APPLY IT

1. **13 stickers** Add 8 and 5. Check that the total is more than 8.
2. **8 beads** Take 6 away from 14. Check that 8 plus 6 equals 14.

CHALLENGE

6 blue balloons. Check: $9 + 6 = 15$.

Accept correct addition or subtraction work and a reasonable check. Accept words, numbers, or simple drawings that show the student's plan.