LESSON MAKER PRO

Think It Through

Plan, solve, and check each story.

GRADE 3 · 3.MP

3.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 _____

MAKE A PLAN

First, decide whether the story needs adding, subtracting, multiplying, or sharing equally. Show a number sentence, then check that your answer fits the story.

WORKED EXAMPLE

A library shelf has 36 books. A librarian adds 18 books. How many books are on the shelf now?

1. Start with 36 books.
2. Add 18: 36 + 18 = 54.
3. Check: 54 is more than 36, so adding makes sense.

Answer: 54 books

PRACTICE 5 problems

1 Noah has 31 trading cards. He gives 8 away. How many cards does he have now?

ANSWER _____

2 Five players collect 7 points each in an arcade game. How many points do they collect?

ANSWER _____

3 A class has 46 markers. It uses 19 markers. How many markers are left?

ANSWER _____

4 56 fruit snacks are shared equally among 8 campers. How many snacks does each camper get?

ANSWER _____

5 Lena has 26 beads and gets 15 more beads. How many beads does she have now?

ANSWER _____

APPLY IT Show your work

1 Six teams make 8 posters each for a school fair. Then 13 posters get wet. How many dry posters remain?

WORK SPACE

ANSWER _____

2 A pet shelter has 34 cans of food. It gets 27 more cans and uses 16 cans. How many cans are left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Jay has 5 boxes of 9 pencils. He gives away 13 pencils. Ana says to add 5 + 9 - 13. Bo says to find the pencils in all the boxes, then subtract 13. Who is right? Explain.

WORK SPACE AND ANSWER

ANSWER KEY

Think It Through

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Noah has 31 trading cards. He gives 8 away. How many cards does he have now?	**23 cards**
2	Five players collect 7 points each in an arcade game. How many points do they collect?	**35 points**
3	A class has 46 markers. It uses 19 markers. How many markers are left?	**27 markers**
4	56 fruit snacks are shared equally among 8 campers. How many snacks does each camper get?	**7 snacks**
5	Lena has 26 beads and gets 15 more beads. How many beads does she have now?	**41 beads**

PART 2 · APPLY IT

1. **35 posters** Multiply 6 groups of 8 to get 48 posters. Subtract 13 to get 35 dry posters.
2. **45 cans** Add 34 and 27 to get 61 cans. Subtract 16 cans to get 45.

CHALLENGE

Bo is right. Five boxes of 9 make 45 pencils, and 45 - 13 = 32 pencils.

Accept correct answers with a clear number sentence or words that show a reasonable plan and check. For the challenge, accept any explanation that multiplies before subtracting.