LESSON MAKER PRO

Pick a Smart Tool

Choose a tool, solve, and check.

GRADE 2 · 2.MP.5

2.MP.5 "Use appropriate tools strategically."

NAME _____ DATE _____

MATCH THE TOOL

Pick a tool that matches the job. A number line can help you count on or back, and quick marks can help you keep track. After you solve, check by counting again or using a different way.

WORKED EXAMPLE

Mia has 8 shells. She finds 5 more shells. Mia chooses a number line to find the total.

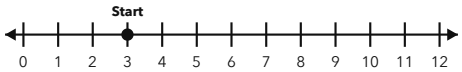


1. Start at 8.
2. Count on 5 jumps.
3. Land on 13.
4. Check: 8 + 5 = 13.

Answer: 13 shells

PRACTICE 4 problems

1 Jada has 3 toy cars. She gets 9 more. Is a number line or counting back the better tool? Use it, then check your total.



ANSWER _____

2 Omar has 14 crackers. He eats 4 crackers. Choose a helpful tool and find how many crackers are left. Check your answer.

ANSWER _____

3 Kira has 12 stickers. Her cousin gives her 3 more stickers. Choose count on or count back. Find the total and check it.

ANSWER _____

4 Rina has 17 fish in her game. Seven fish swim away. Choose a tool and find how many fish are left.

ANSWER _____

APPLY IT Show your work

1 A librarian puts 19 books on a cart. Four books are checked out. Choose a tool to find how many books are still on the cart.

WORK SPACE

ANSWER _____

2 At a game booth, Noah wins 9 tickets in the morning and 9 tickets after lunch. Choose a fast tool to find his total number of tickets.

WORK SPACE

ANSWER _____

CHALLENGE One step up

Lena has 16 beads. She gives 7 beads to a friend. Sam says 10 beads are left. Write 2 sentences that name a tool, solve the problem, and tell if Sam is correct.

WORK SPACE AND ANSWER

ANSWER KEY

Pick a Smart Tool

GRADE 2 · 2.MP.5

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Jada has 3 toy cars. She gets 9 more. Is a number line or counting back the better tool? Use it, then check your total.	**Number line; 12 toy cars**
2	Omar has 14 crackers. He eats 4 crackers. Choose a helpful tool and find how many crackers are left. Check your answer.	**Count back; 10 crackers**
3	Kira has 12 stickers. Her cousin gives her 3 more stickers. Choose count on or count back. Find the total and check it.	**Count on; 15 stickers**
4	Rina has 17 fish in her game. Seven fish swim away. Choose a tool and find how many fish are left.	**10 fish**

PART 2 · APPLY IT

1. **15 books** Count back 4 from 19. The result is 15.
2. **18 tickets** Use the doubles fact 9 + 9. Noah has 18 tickets.

CHALLENGE

I counted back 7 from 16 and landed on 9. Sam is not correct because 16 - 7 = 9.

Accept any sensible tool named by the student when the total or difference is correct. For tool-choice items, accept equivalent strategies such as a number line, counting on or back, quick marks, or a known fact.