LESSON MAKER PRO

Pick the Best Tool

Plan, solve, and check real math problems.

GRADE 3 · 3.MP.5

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

NAME _____ DATE _____

CHOOSE A HELPFUL TOOL

First, think about what the problem asks. Choose a tool that makes the math clear, such as skip counting, an organized list, a clock, a table, or an equation. Then check that your answer makes sense.

WORKED EXAMPLE

The clock shows 3:20. A game lasts 25 minutes. What time does the game end?



1. Read the clock: 3:20.
2. Add 20 minutes to get 3:40.
3. Add 5 more minutes to get 3:45.

Answer: 3:45

PRACTICE 5 problems

1 A team has 4 snack bags with 6 oranges in each bag. Choose a quick tool, find how many oranges there are, and check your total.

ANSWER _____

2 Jada has 53 game tokens. She puts 5 tokens in each prize bag. Use an organized count to find the number of full bags and leftover tokens. Check your answer.

ANSWER _____

3 Noah saves $2 each week for 7 weeks to buy a comic book. Choose a tool to find how much he saves. Check your total.

ANSWER _____

4 Ava reads 28 pages on Monday and 31 pages on Tuesday from an 86-page book. Choose a tool to find how many pages she still needs to read. Check by adding.

ANSWER _____

5 Four friends share 36 grapes equally. Choose a tool to find how many grapes each friend gets. Check your answer.

ANSWER _____

APPLY IT Show your work

1 Mia wants to read 50 pages this week. Use the table to find how many more pages she needs to read. Choose a tool to add and check your answer.

MIA'S READING

Day	Pages
Monday	12
Tuesday	15
Wednesday	18

ANSWER _____

2 At the craft club, Eli has 63 beads. He uses 12 beads for each of 4 bracelets. How many beads are left? Choose a tool for the equal groups, then check by adding the used beads and leftover beads.

WORK SPACE

ANSWER _____

CHALLENGE One step up

Six identical game packs cost $8 each. You have $50. Is multiplication or repeated addition the more efficient tool to find how much money is left? Explain your choice and find the amount left.

WORK SPACE AND ANSWER

ANSWER KEY

Pick the Best Tool

GRADE 3 · 3.MP.5

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A team has 4 snack bags with 6 oranges in each bag. Choose a quick tool, find how many oranges there are, and check your total.	**24 oranges**
2	Jada has 53 game tokens. She puts 5 tokens in each prize bag. Use an organized count to find the number of full bags and leftover tokens. Check your answer.	**10 full bags and 3 tokens left**
3	Noah saves $2 each week for 7 weeks to buy a comic book. Choose a tool to find how much he saves. Check your total.	**$14**
4	Ava reads 28 pages on Monday and 31 pages on Tuesday from an 86-page book. Choose a tool to find how many pages she still needs to read. Check by adding.	**27 pages**
5	Four friends share 36 grapes equally. Choose a tool to find how many grapes each friend gets. Check your answer.	**9 grapes each**

PART 2 · APPLY IT

1. **5 more pages** Add the pages in the table: 12 + 15 + 18 = 45. Subtract 45 from 50.
2. **15 beads** Find the beads used: 4 groups of 12 is 48. Subtract 48 from 63.

CHALLENGE

Multiplication is more efficient. Six packs cost $48, so $2 is left.

Accept any reasonable tool or clear strategy that gives the correct answer. For the challenge, accept repeated addition if the student correctly finds $48 and $2 left, but the student should identify multiplication as more efficient.