LESSON MAKER PRO

Math In Action

Use a plan, solve the story, and check your answer.

GRADES K-12 · MA.K12.MTR.7

MA.K12.MTR.7 "Apply mathematics to real-world contexts."

NAME _____ DATE _____

PLAN, SOLVE, CHECK

Read the story and decide whether to add, subtract, make equal groups, or share equally. Write an equation, solve it, then use the opposite operation to check your answer.

WORKED EXAMPLE

Ava has 18 stickers. She gets 7 more stickers. How many stickers does Ava have now?

1. Start with 18 stickers.
2. Add 7 more: 18 + 7 = 25.
3. Check: 25 - 7 = 18.

Answer: 25 stickers

PRACTICE 5 problems

1 Mia has 14 crayons. She gives 5 crayons to a friend. How many crayons does she have now? Solve and check.

ANSWER _____

2 A student puts 4 seeds in each of 6 pots. How many seeds are planted? Solve and check.

ANSWER _____

3 The library puts 27 books equally on 3 carts. How many books go on each cart? Solve and check.

ANSWER _____

4 Kai has 35 game coins. A game costs 12 coins. How many coins does Kai have left? Solve and check.

ANSWER _____

5 A class fills 8 snack bags with 5 pretzels in each bag. How many pretzels are in all? Solve and check.

ANSWER _____

APPLY IT Show your work

1 At the school fair, one game costs 3 tickets. Maya has 29 tickets. How many full games can she play, and how many tickets will be left?

WORK SPACE

ANSWER _____

2 Lena has 4 bags with 8 beads in each bag. She uses 9 beads to make a key chain. How many beads does she have left?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Rina has 52 beads. Each bracelet needs 5 beads. Rina says she can make 11 bracelets. Is Rina correct? Explain.

WORK SPACE AND ANSWER

ANSWER KEY

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Mia has 14 crayons. She gives 5 crayons to a friend. How many crayons does she have now? Solve and check.	**14 - 5 = 9; 9 + 5 = 14**
2	A student puts 4 seeds in each of 6 pots. How many seeds are planted? Solve and check.	**6 groups of 4 = 24; 24 / 6 = 4**
3	The library puts 27 books equally on 3 carts. How many books go on each cart? Solve and check.	**27 / 3 = 9; 9 groups of 3 = 27**
4	Kai has 35 game coins. A game costs 12 coins. How many coins does Kai have left? Solve and check.	**35 - 12 = 23; 23 + 12 = 35**
5	A class fills 8 snack bags with 5 pretzels in each bag. How many pretzels are in all? Solve and check.	**8 groups of 5 = 40; 40 / 8 = 5**

PART 2 · APPLY IT

1. **9 full games, 2 tickets left** Divide 29 by 3. The quotient is 9 and the remainder is 2.
2. **23 beads** Find the total beads, 4 groups of 8 = 32. Then subtract 9 from 32.

CHALLENGE

No. Eleven bracelets need 55 beads, so Rina can make 10 full bracelets and have 2 beads left.

Accept equivalent equations and correct inverse-operation checks. For the fair problem, accept "9 games remainder 2" as equivalent to 9 full games and 2 tickets left.