LESSON MAKER PRO

Solve the Story

Write an equation with ____, then solve each problem.

GRADE 4 · 4.AT.A.4

4.AT.A.4 "Solve multistep problems in context involving whole numbers and having whole number answers using the four operations, including problems in which remainders must be interpreted..."

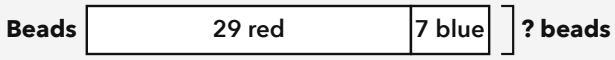
NAME _____ DATE _____

PLAN THE STEPS

Decide what to find first, then use that result in your next step. If you divide, think about what a remainder means in the story.

WORKED EXAMPLE

A club has 29 red beads and 7 blue beads. Each bag holds 6 beads. How many bags can the club fill?



1. 29 + 7 = 36 beads
2. ___ = 36 / 6
3. ___ = 6

Answer: 6 bags

PRACTICE 4 problems

1 A class has 18 pencils and buys 14 more. It shares them equally among 4 tables. How many pencils does each table get?

ANSWER _____

2 A coach has 45 cones. She puts away 13 and shares the rest equally among 8 teams. How many cones does each team get?

ANSWER _____

3 A store has 25 blue marbles and 16 green marbles. It puts 5 marbles in each bag. How many full bags can it make?

ANSWER _____

4 Mia has 3 packs of 12 stickers. She gives away 10 stickers. How many does she have left?

ANSWER _____

APPLY IT Show your work

1 A game club has 48 tokens. It saves 9 and puts the rest in bags that hold 8 tokens each. How many bags does it need to hold all the tokens?

WORK SPACE

ANSWER _____

2 A school fair sells 4 bundles of 23 tickets. After 37 tickets are used, how many tickets remain?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A team gets 8 packs of 11 cards plus 17 loose cards. Can 20 players each get 5 cards? Show an equation and explain.

WORK SPACE AND ANSWER

ANSWER KEY

Solve the Story

GRADE 4 · 4.AT.A.4

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A class has 18 pencils and buys 14 more. It shares them equally among 4 tables. How many pencils does each table get?	**___ = (18 + 14) / 4; 8 pencils**
2	A coach has 45 cones. She puts away 13 and shares the rest equally among 8 teams. How many cones does each team get?	**___ = (45 - 13) / 8; 4 cones**
3	A store has 25 blue marbles and 16 green marbles. It puts 5 marbles in each bag. How many full bags can it make?	**25 + 16 = 5 x ___ + 1; 8 full bags**
4	Mia has 3 packs of 12 stickers. She gives away 10 stickers. How many does she have left?	**___ = 3 x 12 - 10; 26 stickers**

PART 2 · APPLY IT

1. **5 bags** 48 - 9 = 39, and 39 = 8 x 4 + 7. Four full bags leave 7 tokens, so the club needs one more bag: ___ = 4 + 1 = 5.
2. **55 tickets** ___ = 4 x 23 - 37 = 55.

CHALLENGE

Yes. ___ = 8 x 11 + 17 - 20 x 5 = 5 cards left.

Accept equivalent equations with ___ for the unknown. For the game club, students must count a fifth bag for the 7 leftover tokens.