LESSON MAKER PRO

Operation Adventure

Choose operations and solve step by step.

GRADE 4 · 4.OA.A

CCSS.Math.Content.4.OA.A "Use the four operations with whole numbers to solve problems."

NAME _____ DATE _____

PLAN YOUR STEPS

Read the problem and decide which operation matches each part. Solve one step at a time, and check whether your answer makes sense for the question.

WORKED EXAMPLE

A museum has 13 display cases with 22 fossils in each case. Then 41 fossils are moved to a research room. How many fossils remain on display?

1. Find the fossils at first: 13 x 22 = 286.
2. Subtract the fossils moved away: 286 - 41 = 245.

Answer: 245 fossils

PRACTICE 6 problems

1 Find the sum: 346 + 275

ANSWER _____

2 Find the difference: 904 - 467

ANSWER _____

3 Find the product: 36 x 7

ANSWER _____

4 Find the quotient: 864 / 9

ANSWER _____

5 Four boxes hold 23 markers each. Then 15 more markers are added. How many markers are there altogether?

ANSWER _____

6 A coach shares 720 water bottles equally among 6 teams. Each team uses 14 bottles. How many bottles does each team have left?

ANSWER _____

APPLY IT Show your work

1 At a game club, 6 teams collect 24 tokens each. The tokens are shared equally among 9 prize bags. How many tokens go in each prize bag?

WORK SPACE

ANSWER _____

2 The art club buys 6 packs of 35 beads. It uses 30 beads for a poster, then shares the remaining beads equally among 9 groups. How many beads does each group get?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A game store packs 9 boxes with 46 trading cards in each box. It gives 72 cards to a school, then makes starter packs of 12 cards. How many full starter packs can it make, and how many cards are left?

WORK SPACE AND ANSWER

ANSWER KEY

Operation Adventure

GRADE 4 · 4.OA.A

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Find the sum: 346 + 275	**621**
2	Find the difference: 904 - 467	**437**
3	Find the product: 36 x 7	**252**
4	Find the quotient: 864 / 9	**96**
5	Four boxes hold 23 markers each. Then 15 more markers are added. How many markers are there altogether?	**107 markers**
6	A coach shares 720 water bottles equally among 6 teams. Each team uses 14 bottles. How many bottles does each team have left?	**106 bottles**

PART 2 · APPLY IT

1. **16 tokens** Multiply 6 x 24 to find 144 total tokens. Divide 144 by 9 to get 16 tokens in each bag.
2. **20 beads** Multiply 6 x 35 to get 210 beads, then subtract 30 to get 180. Divide 180 by 9 to get 20 beads per group.

CHALLENGE

28 full starter packs, 6 cards left

Accept correct equations and answers with appropriate labels. For the challenge, accept an answer that clearly states 28 full packs with a remainder of 6 cards.