LESSON MAKER PRO

Operation Detectives

Follow the order to solve each expression.

GRADE 5 · 5.CE.4.a.ii

5.CE.4.a.ii "Use order of operations to simplify numerical expressions with whole numbers, limited to addition, subtraction, multiplication, and division in which:* simplification will be limited to five whole numbers and four operations in any..."

NAME _____ DATE _____

CHOOSE THE RIGHT ORDER

Solve multiplication and division before addition and subtraction. Work from left to right when operations have the same priority, then finish with addition or subtraction.

WORKED EXAMPLE

18 / 3 + 4 * 2

1. 18 / 3 = 6
2. 4 * 2 = 8
3. 6 + 8 = 14

Answer: 14

PRACTICE 6 problems

1 7+5*6

ANSWER _____

2 48 / 8 - 1

ANSWER _____

3 9 * 5 - 11

ANSWER _____

4 36 / 9 + 12

ANSWER _____

5 40 - 6 * 5

ANSWER _____

6 56 / 7 + 13 - 8

ANSWER _____

APPLY IT Show your work

1 The game club has 54 prize tokens. Students pack 6 tokens into each prize bag, then give away 3 bags. How many prize bags are left?

WORK SPACE

ANSWER _____

2 Maya buys 5 packs of trading cards with 8 cards in each pack. Her cousin gives her 11 more cards. How many cards does Maya have?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Solve: 90 / 10 + 7 * 6 - 5

WORK SPACE AND ANSWER

ANSWER KEY

Operation Detectives

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	7+5*6	**37**
2	48 / 8 - 1	**5**
3	9 * 5 - 11	**34**
4	36 / 9 + 12	**16**
5	40 - 6 * 5	**10**
6	56 / 7 + 13 - 8	**13**

PART 2 · APPLY IT

1. **6 prize bags** First find the number of prize bags: 54 / 6 = 9. Then subtract the 3 bags given away: 9 - 3 = 6.
2. **51 cards** Find the cards in the packs first: 5 * 8 = 40. Then add the 11 extra cards: 40 + 11 = 51.

CHALLENGE

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Accept correct answers with or without shown steps. For word problems, accept the number if the unit is clear.