LESSON MAKER PRO

Operation Order Quest

Simplify expressions by doing operations in the right order.

GRADE 5 · 5.CE.4.a.iii

5.CE.4.a.iii "Use order of operations to simplify numerical expressions with whole numbers, limited to addition, subtraction, multiplication, and division in which:* whole numbers will be limited to two digits or less; and"

NAME _____ DATE _____

CHOOSE THE ORDER

Multiply and divide before you add or subtract. When multiplication and division are side by side, work from left to right. Then add and subtract from left to right.

WORKED EXAMPLE

14 + 6 x 3

1. 6 x 3 = 18
2. 14 + 18 = 32

Answer: 32

PRACTICE 6 problems

1 8+4x5

ANSWER _____

2 36 / 9 + 7

ANSWER _____

3 20 - 2 x 8

ANSWER _____

4 7x5-9

ANSWER _____

5 48 / 8 x 4

ANSWER _____

6 45 - 24 / 4

ANSWER _____

APPLY IT Show your work

1 A game club has 8 teams. Each team earns 7 points in a round. Then the club loses 9 points. How many points does the club have?

WORK SPACE

ANSWER _____

2 The art club puts 56 paintbrushes equally into 7 bins. Then 4 new paintbrushes are added to each bin. How many paintbrushes are in each bin?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Simplify: 64 / 8 + 9 x 5 - 7

WORK SPACE AND ANSWER

ANSWER KEY

Operation Order Quest

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	8+4x5	**28**
2	36 / 9 + 7	**11**
3	20 - 2 x 8	**4**
4	7x5-9	**26**
5	48 / 8 x 4	**24**
6	45 - 24 / 4	**39**

PART 2 · APPLY IT

1. **47 points** Multiply 8 by 7 to find the points earned. Then subtract 9 points.
2. **12 paintbrushes** Divide 56 by 7 to find how many paintbrushes start in each bin. Then add 4 paintbrushes.

CHALLENGE

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Accept correct answers with or without written intermediate steps. For word problems, accept the number when the unit is clear.