LESSON MAKER PRO

Operation Adventure

Use the order of operations to solve each expression.

GRADE 5 · MA.5.AR.2.2

MA.5.AR.2.2 "Evaluate multi-step numerical expressions using order of operations."

NAME _____ DATE _____

SOLVE IN ORDER

Solve inside parentheses first. Then multiply and divide from left to right, and add and subtract from left to right.

WORKED EXAMPLE

18 + (24 / 6) × 3

1. Solve the parentheses: 24 / 6 = 4.
2. Multiply: 4 × 3 = 12.
3. Add: 18 + 12 = 30.

Answer: 30

PRACTICE 6 problems

1 7+5×4

ANSWER _____

2 (16 - 9) × 8

ANSWER _____

3 42 / 7 + 13

ANSWER _____

4 30 - 5 × 4

ANSWER _____

5 (19 + 17) / 9

ANSWER _____

6 48 / (10 - 2) + 5

ANSWER _____

APPLY IT Show your work

1 Maya has 4 sticker sheets with 14 stickers on each sheet. She also has 20 loose stickers and puts them equally into 5 prize bags. How many stickers are on the sheets plus in 1 prize bag?

WORK SPACE

ANSWER _____

2 The garden club plants 11 seedlings in each of 7 trays. It also shares 28 seedlings equally among 4 classrooms. How many seedlings are in the trays plus in 1 classroom's share?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Solve: 64 / (12 - 4) + 5 × 7

WORK SPACE AND ANSWER

ANSWER KEY

Operation Adventure

GRADE 5 · MA.5.AR.2.2

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	7+5×4	**27**
2	(16 - 9) × 8	**56**
3	42 / 7 + 13	**19**
4	30 - 5 × 4	**10**
5	(19 + 17) / 9	**4**
6	48 / (10 - 2) + 5	**11**

PART 2 · APPLY IT

1. **60 stickers** Multiply 4 × 14 to find the stickers on the sheets. Divide 20 by 5, then add that result to 56.
2. **84 seedlings** Multiply 11 × 7 to find the seedlings in the trays. Divide 28 by 4, then add that result to 77.

CHALLENGE

43

Accept answers with or without unit labels for the word problems. Accept correct work that follows the order of operations, even if students write different valid intermediate steps.