

Test Prep: Gridded-Response Questions

Strategy: Apply Mathematical Reasoning

Name _____ Date _____

Look for relationships in the given text, diagrams, or tables in a question.

To solve a gridded-response question, try using the following strategies.

- Underline important words.
- Restate the question.
- Apply appropriate rules, definitions, properties, or strategies.
- Analyze your answers.

Record your answers on the gridded-response answer sheet. Explain how you used strategies. Show all your work. TIP: Use all the time you are given.

1. What is the next term in the sequence?

$-3, 6, -18, 72, -360 \dots$

Answer: _____

2. What is the eighth term in the sequence?

$48, 24, 12, 6 \dots$

Answer: _____

3. How many dots will make up the fifth figure?



Answer: _____

4. Use the function table below. What is $f(4.8)$?

x	0	0.1	0.2	0.3
$f(x)$	0.5	0.8	1.1	1.4

Answer: _____

5. Today, Michelle puts 1 cent in a jug. Tomorrow, she adds 2 cents. On the next day, she adds 3 cents. If she continues this pattern for 10 more days, how many cents will she have?

Answer: _____

6. What is the next term in the sequence?

$\frac{1}{5}, \frac{3}{5}, 1\frac{4}{5}, 5\frac{2}{5} \dots$

Answer: _____

7. Using the table, how many cups of flour are needed for 28 servings?

servings	4	6	8	10
cups	$\frac{2}{3}$	1	$1\frac{1}{3}$	$1\frac{2}{3}$

Answer: _____

8. What is the perimeter of the sixth figure in the sequence, if $p = 42$ for the first figure?



Answer: _____