

1 Warm-up: What Comes Next?

2-min Fluency Warm-up — What comes next?

10, 20, 30, 40, _____

100, 200, 300, 400, _____

5, 15, 25, 35, _____

100, 80, 60, 40, _____

2 Strategy: Look for a Pattern

Problem Solving Strategy #3: Look for a Pattern

When numbers repeat in a way, find the rule — then use it to solve!

Pattern: 12, 24, 36, 48, ...

Rule: Add 12 each time

Next 3: 60, 72, 84

Problem: A plant grows 2 cm each week. It was 10 cm at the start. How tall after 5 weeks?

Pattern: 10, 12, 14, 16, 18, 20

Answer: 20 cm tall

3 Find the Rule

Find the rule, then answer the question.

15, 30, 45, 60, ____, ____. Rule: _____. What is the 7th number?

Your answer: _____

200, 180, 160, 140, ____, ____. Rule: _____. What comes next?

Your answer: _____

4 Pattern Word Problem

Find the pattern, then solve.

Every day this week, Maya saved \$3. Day 1 she had \$3, Day 2 she had \$6, Day 3 she had \$9.

How much will she have on Day 7? Show the pattern.

Pattern: _____

Day 7: \$_____

5 Challenge: Create Your Own

Challenge: Create Your Own Pattern

Make a number pattern with a secret rule. Write the first 5 numbers and the rule.

My pattern: _____

My rule: _____