

Pattern Instructions — Practice

Name: _____

Date: _____

WORKED EXAMPLE Squares per row: 3, 6, 9, ____

The instruction adds 3 each row, so 12

Q1 Read the instruction

Start with 2 stars, add 4 each row.
Write the first 4 numbers.

Answer: _____

Q2 Write the instruction

A tool made 5, 9, 13, 17 dots. Write the instruction.

Answer: _____

Q3 Missing row

Fill in the missing number:
Rows of circles: 4, 8, __, 16

Q4 Next row

Start with 6 and add 5 each row. What is row 4?

Answer: _____

Q5 Shrinking pattern

Fill in the missing number:
20, 17, 14, _____

Q6 Count the shapes

Fill in the missing number:
7, 10, 13, _____ triangles

Q7 Say the change

A tool made 2, 8, 14, 20 shapes. What change did it use?

Answer: _____

Q8 Make it clearer

Improve this instruction: make a pattern of squares.

Answer: _____

ENRICHMENT · OPTIONAL Try these if you finish early.**Q9 Fix the mistake**

A tool made 3, 6, 10, 13. Which row is wrong, and why?

Answer: _____

Q10 Design your own

Write an instruction for a shrinking pattern.

Answer: _____

HOW DID I GO? ☐ I've got it ☐ Getting there ☐ I need a hand