

Name _____

Date _____

Generate And Compare Patterns

G5

Generate and compare patterns involves identifying repeating designs or sequences and analyzing differences. It helps students recognize relationships, make predictions, and develop problem-solving skills in math, science, and everyday situations.

Q1 Identify the pattern in the sequence: 2, 4, 6, 8. What number comes next?

A. 10

B. 12

C. 14

D. 16

Q2 Which sequence follows the rule 'Add 3 to each previous number'?

A. 1, 4, 7, 10

B. 2, 6, 8, 11

C. 3, 6, 9, 10

D. 4, 8, 12, 15

Q3 Find the missing number in the sequence: 5, 10, ___, 20, 25.

A. 15

B. 12

C. 18

D. 14

Q4 The sequence starts with 3 and follows the rule 'Multiply by 2.' What are the first five numbers in the sequence?

A. 3, 6, 12, 24, 48

B. 3, 6, 9, 12, 15

C. 3, 9, 27, 81, 243

D. 3, 6, 18, 54, 162

Name _____

Date _____

Generate And Compare Patterns - Answer Key**Q1****A****Q2****A****Q3****A****Q4****A**