

Name: _____

Score: _____

Date: _____

Patterning

Write to tell whether each pattern is "growing" or "shrinking". Then write the one that comes next.

①

A _____ Pattern

$$3 + 1 = 4$$

$$3 + 2 = 5$$

$$3 + 3 = 6$$

②

A _____ Pattern

$$10 - 1 = 9$$

$$10 - 2 = 8$$

$$10 - 3 = 7$$

③

A _____ Pattern

$$12 - 1 = 11$$

$$12 - 2 = 10$$

$$12 - 3 = 9$$

④

A _____ Pattern

$$5 + 1 = 6$$

$$5 + 2 = 7$$

$$5 + 3 = 8$$

Draw lines to match the pattern that have the same pattern rules.

①



1 2 1 2 1 2

②



1 1 2 1 1 2

③



1 2 3 1 2 3

Answers

Patterning

Write to tell whether each pattern is “growing” or “shrinking”. Then write the one that comes next.

①

A **Growing** Pattern

$$3 + 1 = 4$$

$$3 + 2 = 5$$

$$3 + 3 = 6$$

$$3 + 4 = 7$$

②

A **Shrinking** Pattern

$$10 - 1 = 9$$

$$10 - 2 = 8$$

$$10 - 3 = 7$$

$$10 - 4 = 6$$

③

A **Shrinking** Pattern

$$12 - 1 = 11$$

$$12 - 2 = 10$$

$$12 - 3 = 9$$

$$12 - 4 = 8$$

④

A **Growing** Pattern

$$5 + 1 = 6$$

$$5 + 2 = 7$$

$$5 + 3 = 8$$

$$5 + 4 = 9$$

Draw lines to match the pattern that have the same pattern rules.

①



1 2 1 2 1 2

②



1 1 2 1 1 2

③



1 2 3 1 2 3