



Additive Symbol Practice

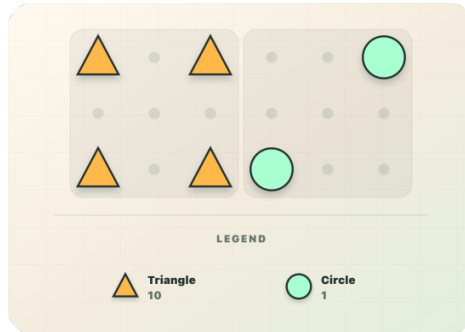
Student pages and teacher answer key

Name: _____

Date: _____

Read each visual model. Use the legend to identify what each shape is worth, then complete every form.

A

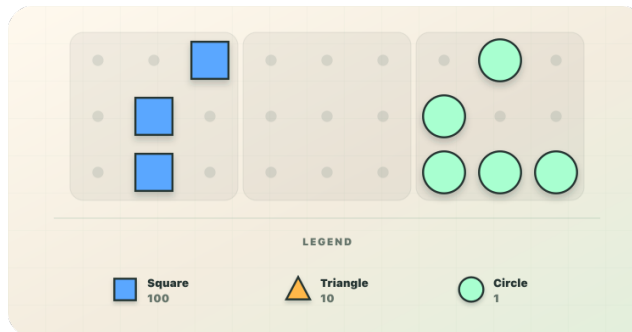


Standard form _____

Expanded form _____

Value of digit 4 _____

B



Standard form _____

Expanded form _____

Value of digit 3 _____



Additive Symbol Practice

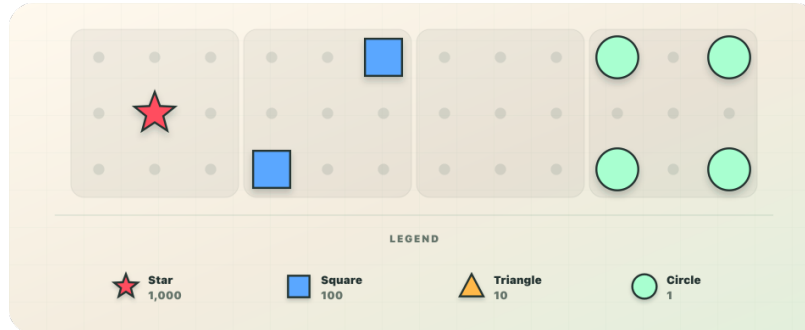
Student pages and teacher answer key

Name: _____

Date: _____

Read each visual model. Use the legend to identify what each shape is worth, then complete every form.

C

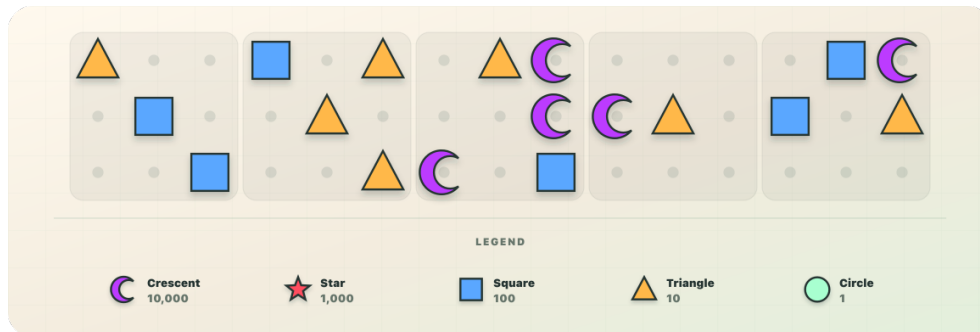


Standard form _____

Expanded form _____

Value of digit 2 _____

D



Standard form _____

Expanded form _____

Value of digit 6 _____



Additive Symbol Practice

Explain the structure

Name: _____

Date: _____

1. Write 55 in word form and expanded form. Then explain why both digits are 5 but have different values.

2. In 1,204, what role does the zero play? Describe the occupied and empty places in order.

3. Compare 50,670 and 50,607. Which is greater? Identify the greatest place where they differ.

4. Compose a number with 3 thousands, 0 hundreds, 8 tens, and 2 ones. Write it in standard and expanded form.

Show your reasoning with words, an equation, or a drawing.



Additive Symbol Practice

TEACHER ANSWER KEY

A. 42 Expanded form: $40 + 2$ 40

B. 305 Expanded form: $300 + 5$ 300

C. 1,204 Expanded form: $1,000 + 200 + 4$ 200

D. 50,670 Expanded form: $50,000 + 600 + 70$ 600

EXPLAIN THE STRUCTURE

- 1 1. fifty-five; $50 + 5$. The first 5 is in the tens place and is worth 50; the second is in the ones place and is worth 5.
- 2 2. The zero holds the tens place. Occupied: thousands, hundreds, ones. Empty: tens.
- 3 3. 50,670 is greater. The first difference is in the tens place: 7 tens is greater than 0 tens.
- 4 4. 3,082; $3,000 + 80 + 2$.

Accept equivalent expanded forms when they preserve value. Ask students to connect each contribution to a visible fixed-value symbol.