



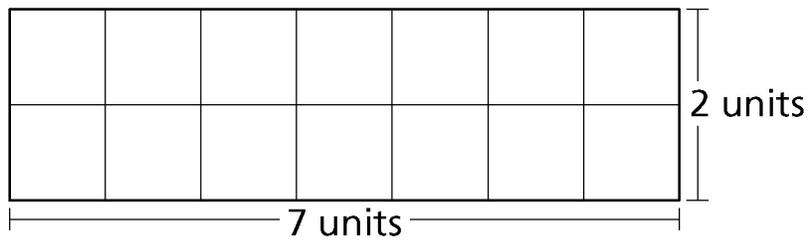
New York State Testing Program

Mathematics Test

Grade **4**

2009 Scoring Guide Part 2

- 47** Jenny makes the bookmark shown below.



What is the **perimeter**, in units, of the bookmark?

Show your work.

Answer _____ units

What is the **area**, in square units, of the bookmark?

Answer _____ square units

QUESTION 47

STRAND 3: GEOMETRY

Complete and Correct Response:

- $2 + 7 + 2 + 7 = 18$

OR other valid process

AND

- 18 (units)

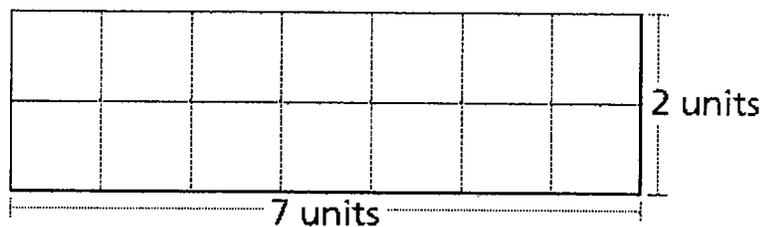
AND

- 14 (square units)

Score Points:

Apply 3-point holistic rubric.

- 47 Jenny makes the bookmark shown below.



What is the perimeter, in units, of the bookmark?

Show your work.

$$\begin{aligned} 14 + 4 &= 18 \\ \underbrace{7+7} + \underbrace{2+2} &= 18 \end{aligned}$$

Answer 18 units

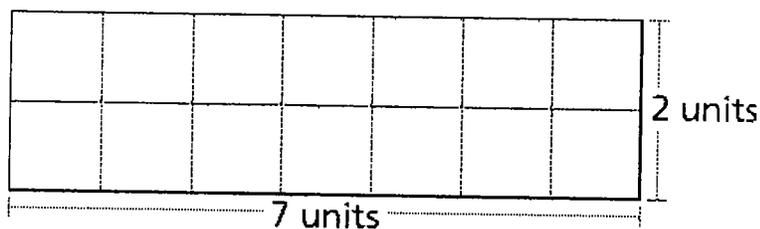
What is the area, in square units, of the bookmark?

Answer 14 square units

This response is complete and correct.

Score Point 3

47 Jenny makes the bookmark shown below.



What is the perimeter, in units, of the bookmark?

Show your work.

$$\begin{array}{r} \text{step 1} \quad 7 \\ + 7 \\ \hline 14 \end{array} \quad \begin{array}{r} \text{step 2} \quad 2 \\ + 2 \\ \hline 4 \end{array} \quad \begin{array}{r} \text{step 3} \quad 4 \\ + 4 \\ \hline 18 \end{array}$$

Answer 18 units

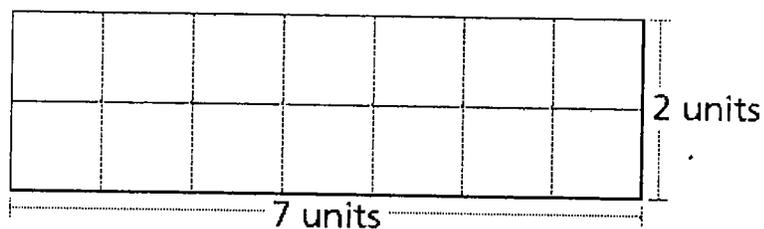
What is the area, in square units, of the bookmark?

Answer 14 square units

This response is complete and correct.

Score Point 3

- 47 Jenny makes the bookmark shown below.



What is the **perimeter**, in units, of the bookmark?

Show your work.

Answer 18 units

$$\begin{array}{r} 7 \\ 7 \\ + 2 \\ + 2 \\ \hline 18 \end{array}$$

What is the **area**, in square units, of the bookmark?

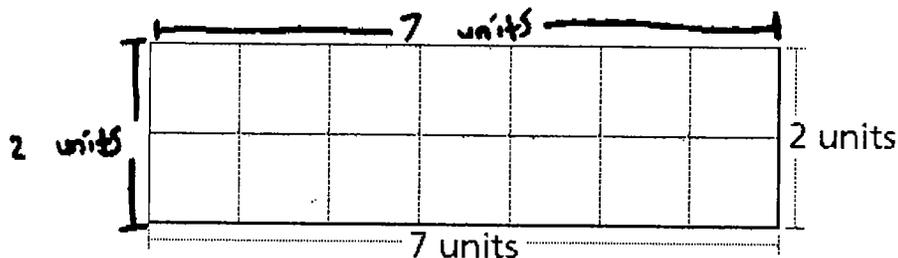
Answer 49 square units

$$\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$$

This response is partially correct. The first answer is correct, and the work is acceptable. The second answer is incorrect.

Score Point 2

- 47 Jenny makes the bookmark shown below.



What is the perimeter, in units, of the bookmark?

Show your work.

$$\begin{array}{r} 7 \text{ units} \times 2 = 14 \text{ units} \\ 2 \text{ units} \times 2 = 4 \text{ units} \\ \hline 18 \text{ units} \end{array}$$

Answer 18 units

What is the area, in square units, of the bookmark?

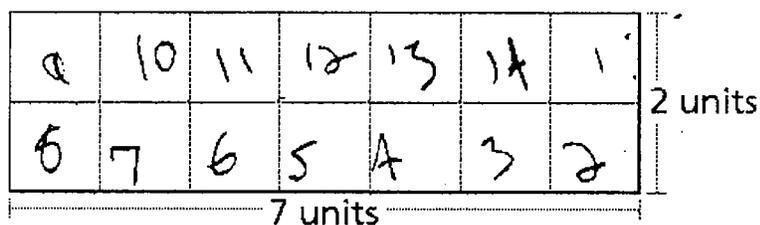
Answer 28 square units

$$\begin{array}{r} 7 \times 2 = 14 \\ 7 \times 2 = 14 \\ \hline 28 \end{array}$$

This response is partially correct. The first answer is correct, and the work is acceptable. The second answer is incorrect.

Score Point 2

- 47 Jenny makes the bookmark shown below.



What is the perimeter, in units, of the bookmark?

Show your work.

$$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$$

Answer 9 units

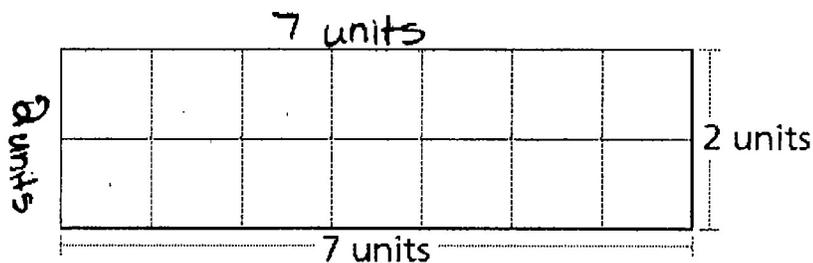
What is the area, in square units, of the bookmark?

Answer 14 square units

This response demonstrates only a limited understanding of the mathematical concepts embodied in the task. The first answer is incorrect, and the work is not sufficient. However, the second answer for the area is correct.

Score Point 1

- 47 Jenny makes the bookmark shown below.



What is the perimeter, in units, of the bookmark?

Show your work.

$$\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array}$$

Answer 14 units

What is the area, in square units, of the bookmark?

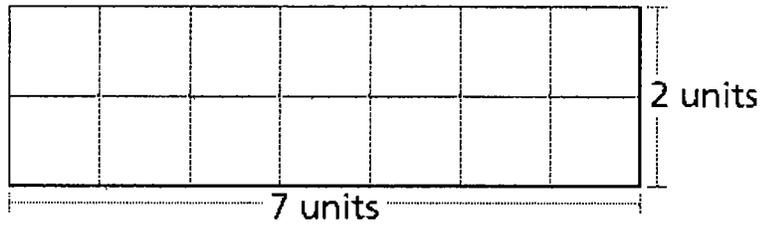
Answer 18 square units

$$\begin{array}{r} 7 \\ + 7 \\ \hline 14 \\ + 2 \\ \hline 16 \\ + 2 \\ \hline 18 \end{array}$$

This response demonstrates only a limited understanding of the mathematical concepts embodied in the task. The first and second answers are incorrect. A conceptual error is demonstrated by confusing the definition of the terms for perimeter and area; however, the response does demonstrate the ability to solve for area and perimeter.

Score Point 1

47 Jenny makes the bookmark shown below.



What is the perimeter, in units, of the bookmark?

Show your work.

Answer 7 units

What is the area, in square units, of the bookmark?

Answer 2 square units

This response is incorrect.

Score Point 0



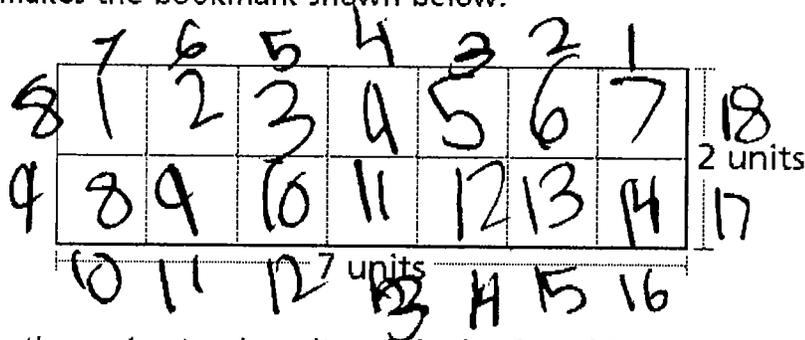
New York State Testing Program

Mathematics Test

Grade **4**

2009 Practice Set

47 Jenny makes the bookmark shown below.



What is the perimeter, in units, of the bookmark?

Show your work.

$$A = 7 \times 2$$

$$A = 14$$

$$P = 7 + 2 + 7 + 2$$

$$P = 18$$

Answer 18 units

What is the area, in square units, of the bookmark?

Answer 14 square units

$$A = l \times w$$

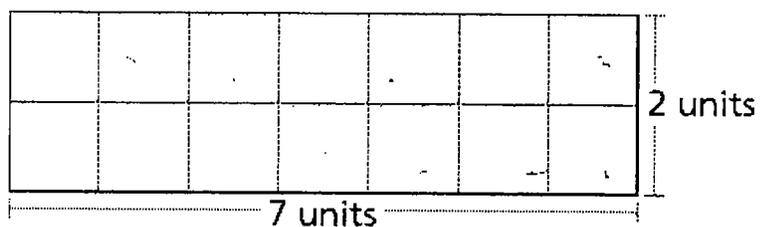
$$A = 7 \times 2$$

$$A = 14$$

$$P = 7 + 2 + 7 + 2$$

$$P = 18$$

- 47** Jenny makes the bookmark shown below.



What is the perimeter, in units, of the bookmark?

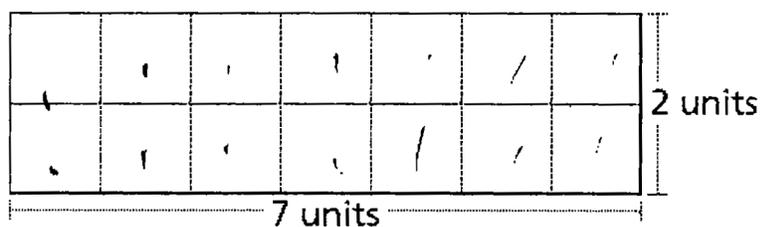
Show your work.

Answer 14 units

What is the area, in square units, of the bookmark?

Answer 14 square units

- 47 Jenny makes the bookmark shown below.



What is the perimeter, in units, of the bookmark?

Show your work.

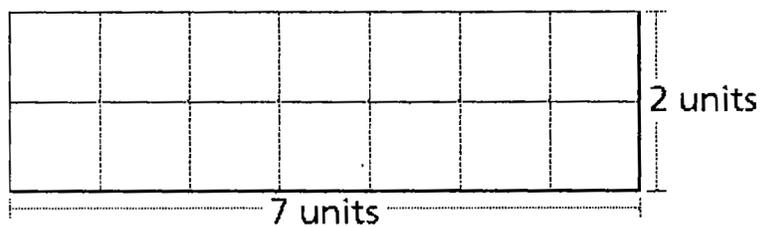
Answer 14 units

$$\begin{array}{r} 14 \\ - 4 \\ \hline 10 \end{array}$$

What is the area, in square units, of the bookmark?

Answer 10 square units

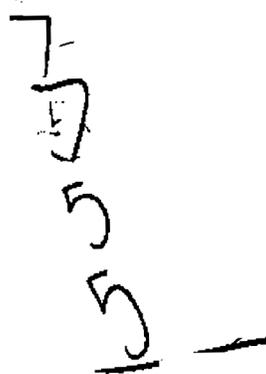
- 47 Jenny makes the bookmark shown below.



What is the perimeter, in units, of the bookmark?

Show your work.

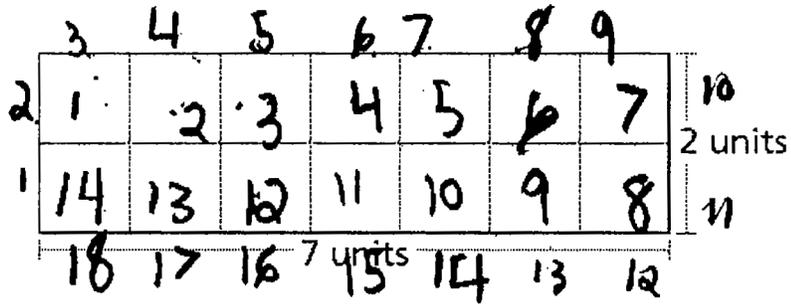
Answer 24 units



What is the area, in square units, of the bookmark?

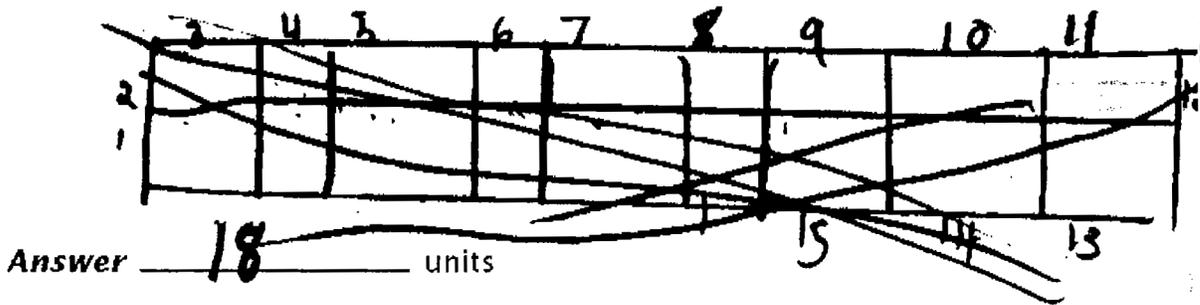
Answer 14 square units

47 Jenny makes the bookmark shown below.



What is the perimeter, in units, of the bookmark?

Show your work.



What is the area, in square units, of the bookmark?

Answer 14 square units

4TH GRADE MATHEMATICS

Name: _____

PRACTICE SET ANSWER KEY

PS 1	(0-2)	
PS 2	(0-2)	
PS 3	(0-2)	
PS 4	(0-2)	
PS 5	(0-2)	
PS 6	(0-2)	
PS 7	(0-2)	
PS 8	(0-2)	
PS 9	(0-2)	
PS 10	(0-2)	
PS 11	(0-2)	
PS 12	(0-2)	
PS 13	(0-2)	
PS 14	(0-2)	
PS 15	(0-2)	
PS 16	(0-2)	
PS 17	(0-2)	
PS 18	(0-2)	
PS 19	(0-2)	
PS 20	(0-2)	
PS 21	(0-2)	
PS 22	(0-2)	
PS 23	(0-2)	
PS 24	(0-2)	
PS 25	(0-2)	

PS 26	(0-2)	
PS 27	(0-2)	
PS 28	(0-2)	
PS 29	(0-2)	
PS 30	(0-2)	
PS 31	(0-2)	
PS 32	(0-2)	
PS 33	(0-2)	
PS 34	(0-2)	
PS 35	(0-2)	
PS 36	(0-3)	
PS 37	(0-3)	
PS 38	(0-3)	
PS 39	(0-3)	
PS 40	(0-3)	
PS 41	(0-3)	
PS 42	(0-3)	
PS 43	(0-3)	
PS 44	(0-3)	
PS 45	(0-3)	
PS 46	(0-2)	
PS 47	(0-2)	
PS 48	(0-2)	
PS 49	(0-2)	
PS 50	(0-2)	

4TH GRADE MATHEMATICS

Name: _____

PRACTICE SET ANSWER KEY

PS 51	(0-2)	
PS 52	(0-2)	
PS 53	(0-2)	
PS 54	(0-2)	
PS 55	(0-2)	
PS 56	(0-2)	
PS 57	(0-2)	
PS 58	(0-2)	
PS 59	(0-2)	
PS 60	(0-2)	
PS 61	(0-2)	
PS 62	(0-2)	
PS 63	(0-2)	
PS 64	(0-2)	
PS 65	(0-2)	
PS 66	(0-2)	
PS 67	(0-2)	
PS 68	(0-2)	
PS 69	(0-2)	
PS 70	(0-2)	

PS 71	(0-2)	
PS 72	(0-2)	
PS 73	(0-2)	
PS 74	(0-2)	
PS 75	(0-2)	
PS 76	(0-2)	
PS 77	(0-2)	
PS 78	(0-2)	
PS 79	(0-2)	
PS 80	(0-2)	
PS 81	(0-3)	
PS 82	(0-3)	
PS 83	(0-3)	
PS 84	(0-3)	
PS 85	(0-3)	
PS 86	(0-3)	
PS 87	(0-3)	
PS 88	(0-3)	
PS 89	(0-3)	
PS 90	(0-3)	