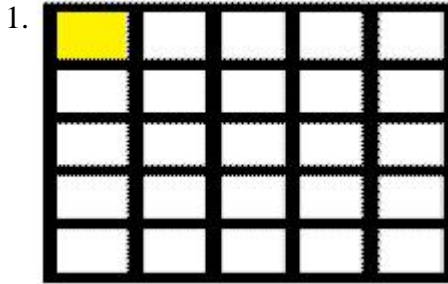


### 3rd Grade Measurement & Data

**Geometric measurement: understand concepts of area and relate area to multiplication and to addition. Standard 5 & 6, Test 1**

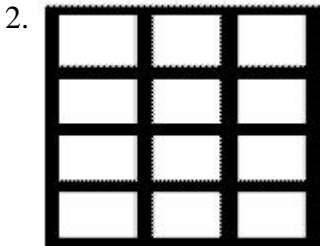
#### Multiple Choice

*Identify the choice that best completes the statement or answers the question.*



The yellow square represent one \_\_\_\_\_ when measuring area.

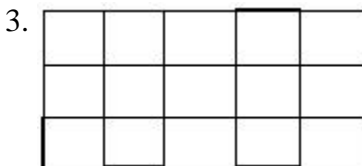
- a. one length
- b. one square unit
- c. one square side
- d. one unit



Which answer below is correct when measuring the area of the large square?

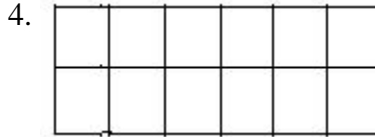
- a. there are four lengths by three lengths inc. the larger square
- b. there are twelve square sides in the larger square
- c. there are four units in the larger square
- d. there are twelve square units in the large square

#### Numeric Response



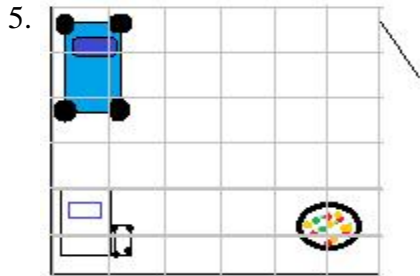
How many square units does this rectangle have?

\_\_\_\_\_



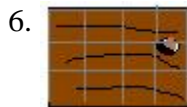
How many square units does this rectangle have?

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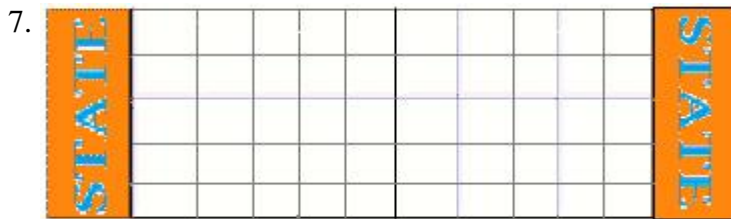
Silvia wanted to put carpet in her bedroom. She had to know how many square feet she needed to buy. How many square feet of carpet does Silvia need to carpet her room?

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Fred measured a board for a project he was doing. The board was the right size. How many square inches is Fred's board?

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The football team is getting new turf. The turf is cut into squares of 10 yards by 10 yards. How many square units of turf does the team need to do the whole field?

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Albert was designing a box for his baby snake. His design was divided into square cm's. How many square cm's is the top of the box Albert wants to put his snake in?

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Answer 1: B  
Answer 2: D  
Answer 3: 15  
Answer 4: 12  
Answer 5: 36  
Answer 6: 12  
Answer 7: 50  
Answer 8: 21