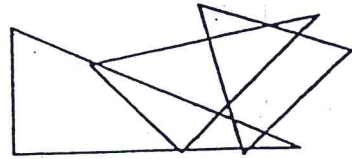


# Area and Perimeter

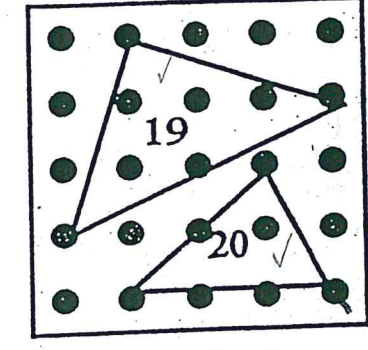
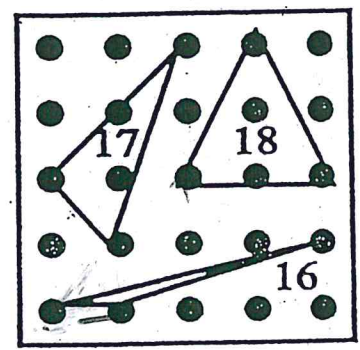
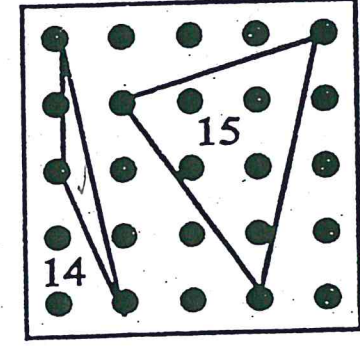
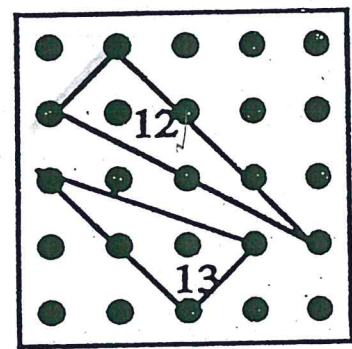
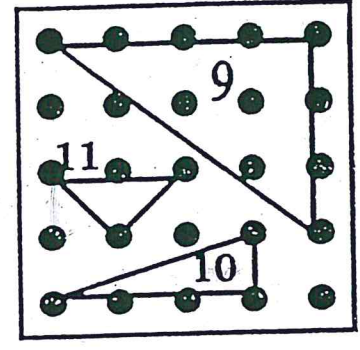
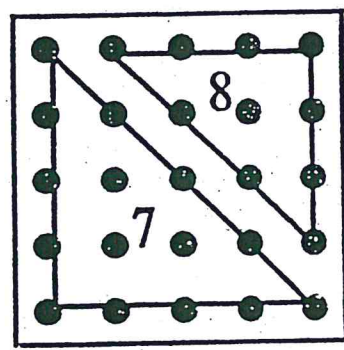
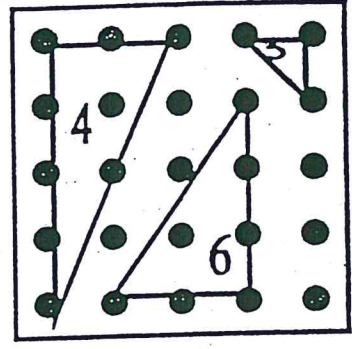
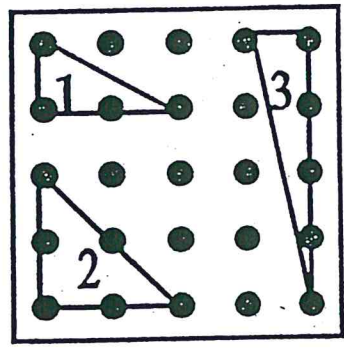
## The Area of Triangles



### Exploration Activity: Surrounding Rectangles

Take each triangle on your geoboard, find its area, and record the number of square units it contains.

1. 1 unit<sup>2</sup>
2. 2
3. 2
4. 4
5. 1/2 or .5
6. 3
7. 8
8. 4.5
9. 6
10. 1.5
11. 1
12. 3
13. 2
14. 1
15. 5.5
16. 1/2
17. 2
18. 2
19. 5
20. 3

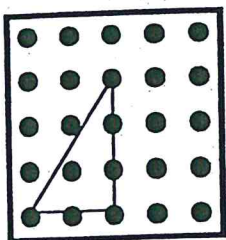


# Performance Assessment

## Finding the Area of Shapes Using Surrounding Rectangles.

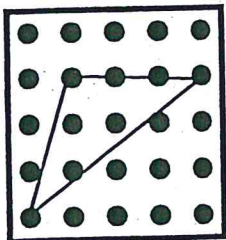
Make each shape on your geoboard. For each shape construct the surrounding rectangle and draw it on the same diagram. Find and record the area of each shape in square units.

1.



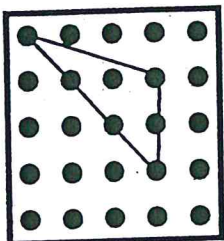
A= \_\_\_\_\_

2.



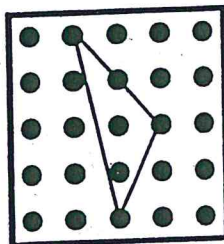
A= \_\_\_\_\_

3.



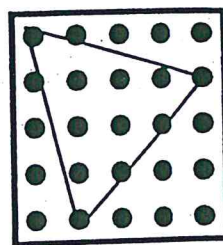
A= \_\_\_\_\_

4.



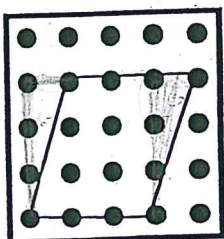
A= \_\_\_\_\_

5.



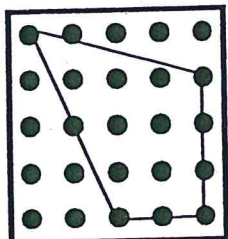
A= \_\_\_\_\_

6.



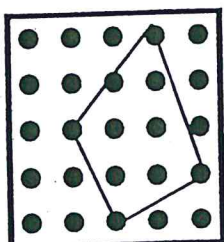
A= \_\_\_\_\_

7.



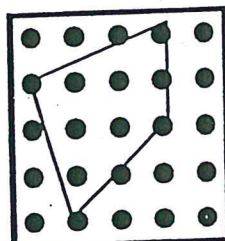
A= \_\_\_\_\_

8.



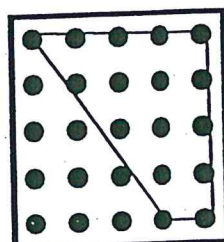
A= \_\_\_\_\_

9.



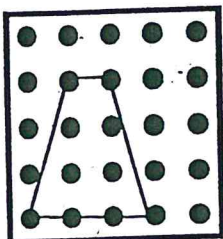
A= \_\_\_\_\_

10.



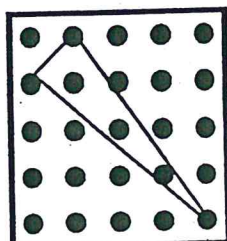
A= \_\_\_\_\_

11.



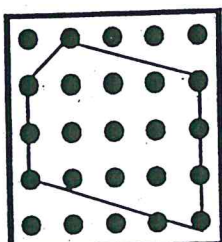
A= \_\_\_\_\_

12.



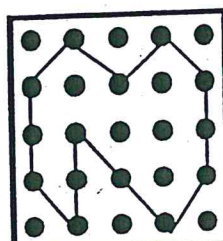
A= \_\_\_\_\_

13.



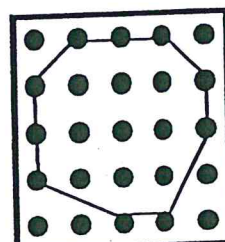
A= \_\_\_\_\_

14.



A= \_\_\_\_\_

15.



A= \_\_\_\_\_

### Scoring

1 point for drawing each surrounding shape  
1 point for calculation each area

### Standard

12 out of 15 correct  
80% correct

Total points for Drawing

Total points for Calculations

\_\_\_\_\_ out of 15 correct.

\_\_\_\_\_ out of 15 correct.