

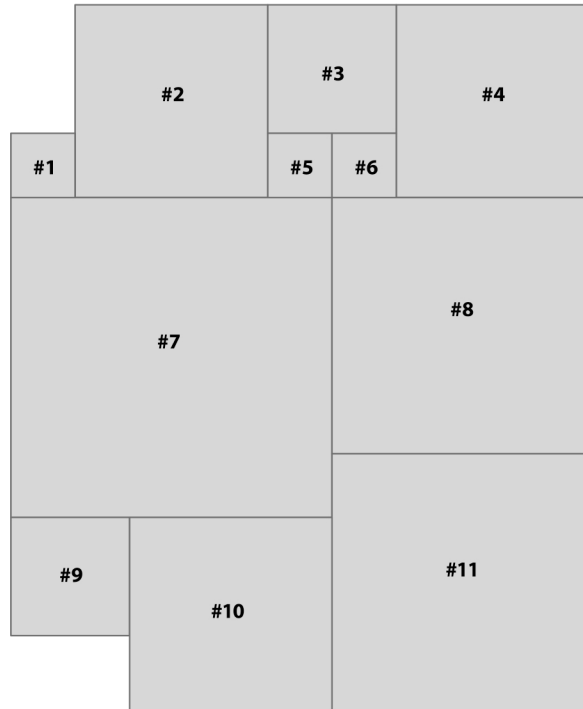
Name \_\_\_\_\_

Date \_\_\_\_\_

Solve using any method. Show all your thinking.

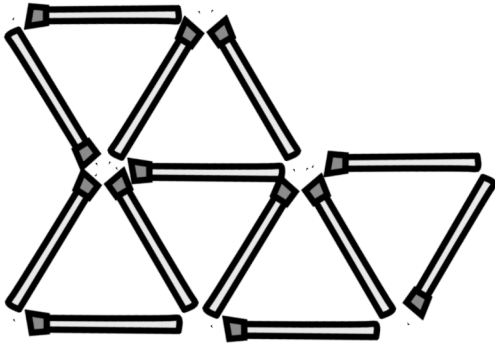
1. Study this diagram showing all squares. Fill in the table.

Figure	Area in Square Feet
1	1 ft <sup>2</sup>
2	
3	
4	9 ft <sup>2</sup>
5	
6	1 ft <sup>2</sup>
7	
8	



The following problem is a brainteaser for your enjoyment. It is intended to encourage working together and family problem solving fun. It is not a required element of this homework assignment.

Remove 3 matches to leave 3 triangles.



## Answer Key

1. Answer provided.

9 ft<sup>2</sup>

4 ft<sup>2</sup>

Answer provided.

1 ft<sup>2</sup>

Answer provided.

25 ft<sup>2</sup>

16 ft<sup>2</sup>

4 ft<sup>2</sup>

9 ft<sup>2</sup>

16 ft<sup>2</sup>

2. Answers will vary.