

# How Does It Grow?

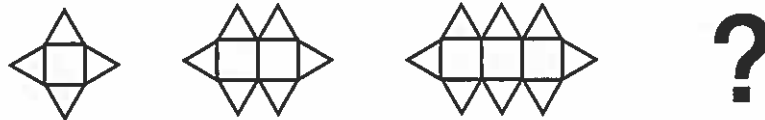
Name \_\_\_\_\_



The pattern continues.

1. Draw the next figure.
2. When there are six triangles, how many squares are there? \_\_\_\_\_
3. When there are five triangles, how many shapes (squares and triangles) are there in all? \_\_\_\_\_
4. Can there be seven squares in a figure? \_\_\_\_\_ Why? \_\_\_\_\_

\_\_\_\_\_



This pattern continues.

5. Draw the next figure.
6. When there are ten squares, how many triangles are there? \_\_\_\_\_
7. How do you know? \_\_\_\_\_  
\_\_\_\_\_
8. When there are fourteen triangles, how many squares are there? \_\_\_\_\_
9. How do you know? \_\_\_\_\_  
\_\_\_\_\_