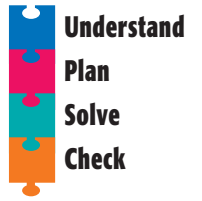


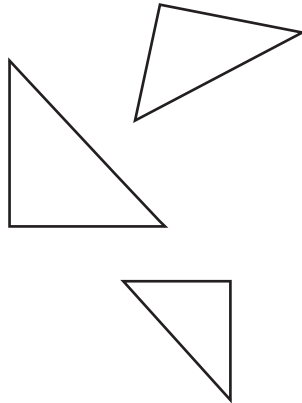
# Problem Solving Strategy

## Look for a Pattern

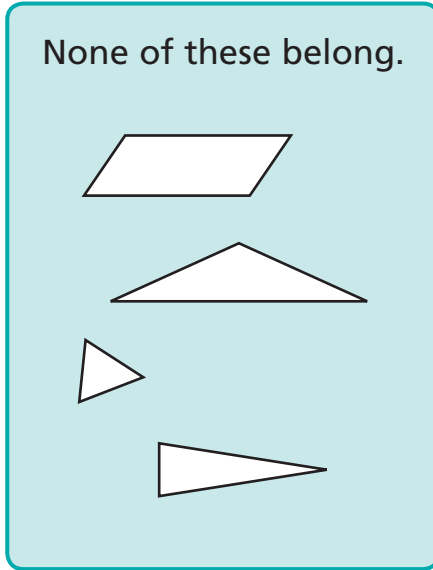
NCTM Standards 3, 6, 7, 8, 9, 10



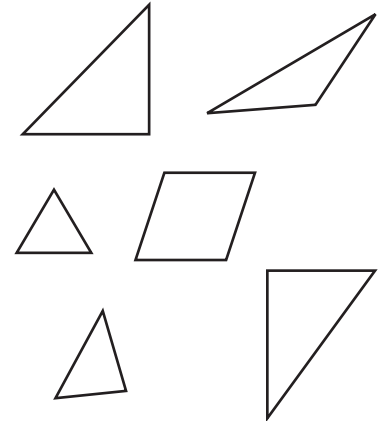
**1** All of these belong.



None of these belong.



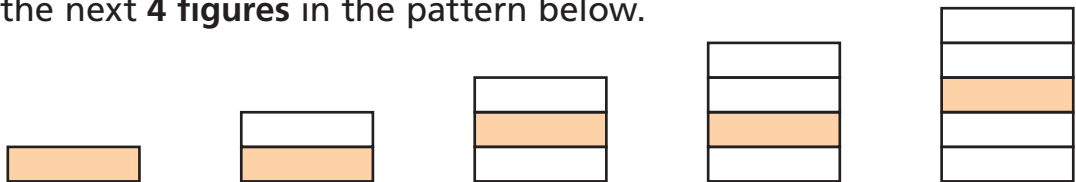
Circle the ones that belong.



What is the same about all of the figures that belong?

\_\_\_\_\_

**2** Draw the next 4 figures in the pattern below.



**3** Describe this pattern and fill in the missing number:  
1, 3, 9, \_\_\_\_\_, 81, 243. Explain.

\_\_\_\_\_  
\_\_\_\_\_