

Max's Pattern Puzzles

Learning objective: To identify and continue simple sequences using shapes and rotation.

Look closely at the shapes. Max the Monkey needs your help to finish the patterns. Follow the instructions for each question. Use the word bank if you need help.

Word bank: rotate · clockwise · pattern · sequence · shape · turn

1. Look at this sequence: Square, Triangle, Square, Triangle. What shape comes next? Draw it here. (2 marks)

2. A circle has a dot at the top. The next circle has the dot on the right. If we turn it clockwise, where will the dot be in the third circle? (2 marks)

3. Max has a pattern: Star, Moon, Moon, Star, Moon, Moon. Circle the next shape in the pattern: Star or Moon? (1 mark)

4. If a triangle points up, then turns to point to the right, what is the next turn to make it point down? (2 marks)

Draw: Draw a pattern using two different shapes, like a square and a circle, that repeats three times.

Extension challenge: Can you draw a shape and show it after a quarter turn clockwise?