

Max's Pattern Puzzle Quiz

Learning objective: To identify patterns, sequences, and relationships in non-verbal shapes and designs.

Hello! I am Max the monkey. I love solving puzzles! Look at the shapes carefully. Choose the best answer for each question. Use the word bank if you get stuck.

Answer Key: 1.C, 2.A, 3.True, 4.Rotate, 5.B, 6.False, 7.Pattern, 8.D, 9.True, 10.A

Word bank: Sequence · Rotate · Pattern · Mirror · Shape

1. 1. Which shape comes next in the sequence: Square, Circle, Square, Circle, ...? A) Triangle B) Square C) Circle D) Star (1 mark)
 2. 2. If a shape turns a quarter turn, does it: A) Rotate B) Grow C) Shrink D) Vanish (1 mark)
 3. 3. True or False: A mirror image looks exactly the same as the original shape. (1 mark)
 4. 4. What do we call a list of shapes that follow a special rule? (Hint: Starts with S) (1 mark)
 5. 5. Which shape is the odd one out? A) Square B) Circle C) Rectangle D) Hexagon (1 mark)
 6. 6. True or False: Non-verbal reasoning uses lots of words to explain the answer. (1 mark)
 7. 7. If you repeat a design over and over, you have made a _____. (1 mark)
 8. 8. Which of these shows a reflection? A) A line B) A dot C) A number D) A mirror image (1 mark)
 9. 9. True or False: A triangle has three sides. (1 mark)
 10. 10. Which is the missing piece? (A) Shaded triangle (B) Empty circle (C) A banana (D) A shoe (1 mark)
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Draw: Draw a simple pattern using a square and a triangle repeating three times.



Extension challenge: Try to draw a shape on a piece of paper, then draw its reflection on the other side of a line!