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DATE:

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SYMENTRY AND ROTATION

KS2 MATHEMATICS

INSTRUCTIONS:

- ▶ANSWER ALL QUESTIONS
- ▶ALL WORKINGS MUST BE SHOWN
- ▶USE THE CALCULATOR WHEN EXPECTED

MARK GRADE

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KS2 Maths – Symmetry and Rotation

Instructions: Answer the following questions on line symmetry and rotational symmetry. Use diagrams if needed.

1. How many lines of symmetry does a regular hexagon have?

Answer: _____

2. Which 2D shape has only one line of symmetry?

Answer: _____

3. How many lines of symmetry does a square have?

Answer: _____

4. A regular triangle (equilateral) has how many lines of symmetry?

Answer: _____

5. What is the order of rotational symmetry of a regular pentagon?

Answer: _____

6. Does the letter H have line symmetry, rotational symmetry, or both?

Answer: _____

7. How many lines of symmetry does a rectangle have?

Answer: _____

8. Which shape has no lines of symmetry: square, circle, parallelogram, or triangle?

Answer: _____

9. What is the order of rotational symmetry of a regular octagon?

Answer: _____

10. A shape looks the same 4 times in a full turn. What is its order of rotational symmetry?

Answer: _____