**Rotational Symmetry**

A blue star with black outline

Description automatically generatedWrite down the order of rotational symmetry of each of these shapes.

A green arrow pointing to the right

Description automatically generated(a) (b)

A yellow triangle with black outline

Description automatically generatedA pink and black cross

Description automatically generated(c) (d)

Write down the order of rotational symmetry of these regular polygons.

A triangle with black border

Description automatically generatedA green octagon with black border

Description automatically generated(a) (b)

A pink hexagon with black outline

Description automatically generatedA blue diamond with black border

Description automatically generated(c) (d)

Which of these shapes does not have the same number of lines of symmetry as its order of rotational symmetry?

A purple rectangle with black outline

Description automatically generated

Add one square to each shape so that is has rotational symmetry of order shown.

A grid of squares with different colors

Description automatically generatedA grid of squares with a blue rectangle

Description automatically generated(a) Order 2 (b) Order 4

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