

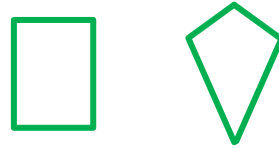
Task A

For each pair of shapes, **what is the same and what it different?**

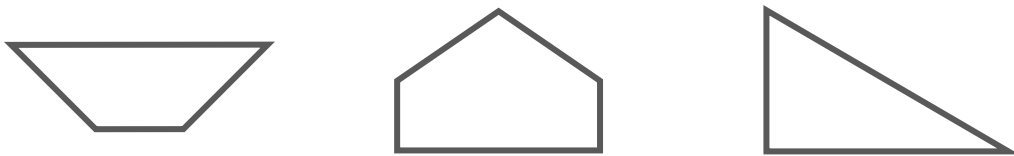
Pair of shapes:



Pair of shapes:



Think of a reason why **each shape** could be the **odd one out**:



Extension: design an odd one out question using 3 shapes where **each shape could be the odd one out**.

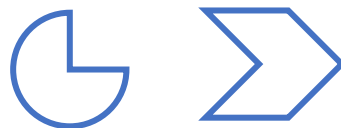
Task B

For each pair of shapes, **what is the same and what it different?**

Pair of shapes:



Pair of shapes:



Think of a reason why **each shape** could be the **odd one out**:



Extension: design an odd one out question using 3 or 4 shapes where **each shape could be the odd one out**.

Possible answers are on the next page.

Example Answers:

Task A: Red shapes: the same in that opposite sides/angles equal; different angles. Green shapes: the same in that two pairs of equal length sides; different in that adjacent sides same length on kite, opposite angles same length on rectangle. The trapezium doesn't have a right angle. The pentagon doesn't have an acute angle. The triangle doesn't have any lines of symmetry.

Task B: Orange shapes: the same in that both shapes contain right-angles and two pairs of parallel lines; different in that one shape a pentagon and the other shape a hexagon.

Blue shapes: the same in that both shapes have a reflex angle; different in that one shape has a curved side.

First shape is a hexagon. Second shape has no lines of symmetry. Third shape is regular. Fourth shape has acute angles.