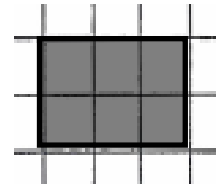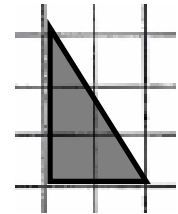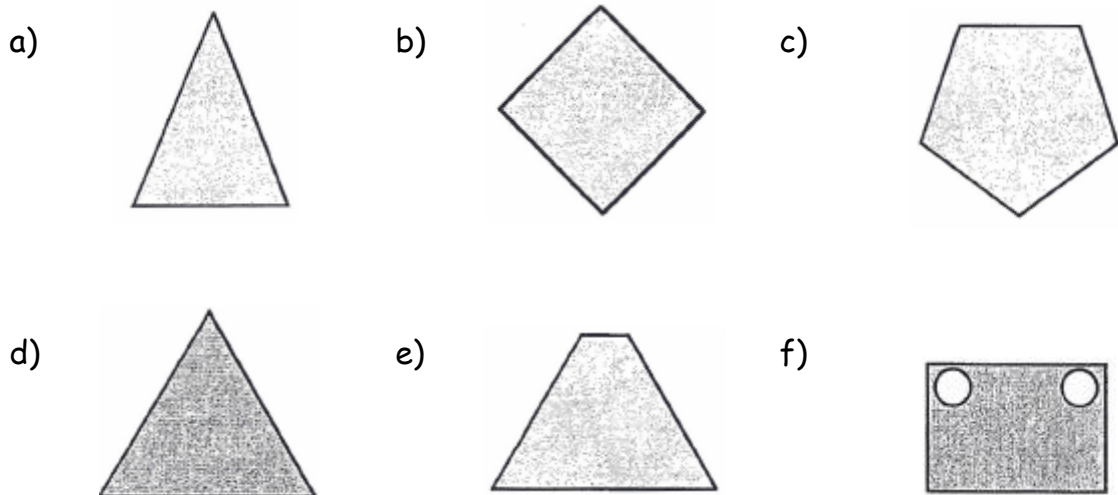# S2 Level 2   Tiling & Symmetry Exercise

1. Copy this shape into your jotter and make a 2 row tiling
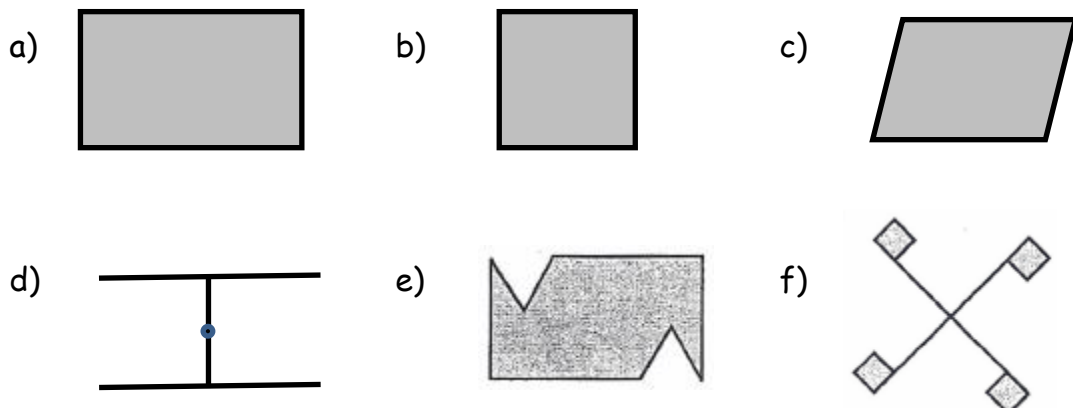   pattern using at least 8 tiles.

2. Copy this shape into your jotter and make a 2 row tiling
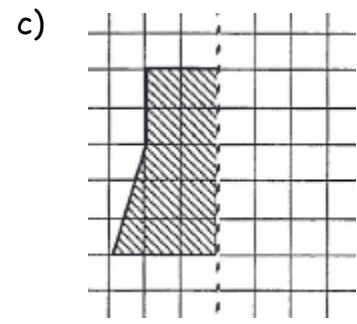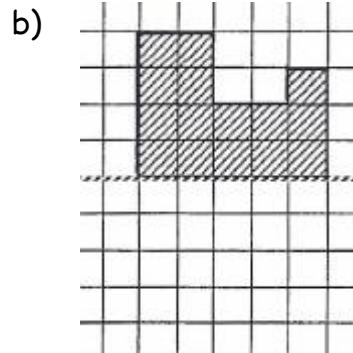   pattern using at least 8 tiles.

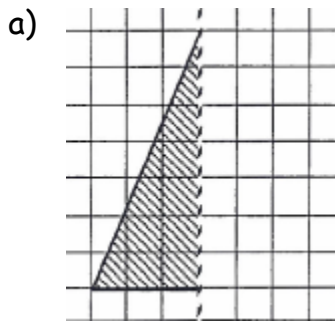3. How many lines of symmetry do the following shapes have?

    a)   b)   c)

    d)   e)   f)

4. Write down which of these shapes has $\frac{1}{2}$-turn symmetry and which has
    $\frac{1}{4}$-turn symmetry?

    a)   b)   c)

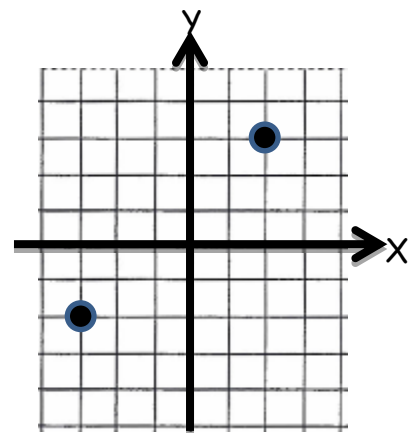   d)   e)   f)

5.   Complete the shapes so that the dotted line is an axis of symmetry.

a)

b)

c)

6.   On this grid the **x-axis** is an axis of symmetry (mirror line).

Mark on the grid the image of the points, after reflection in the **x-axis**.

7.   On this grid the **y-axis** is an axis of symmetry (mirror line).

Mark on the grid the image of the points, after reflection in the **y-axis**.