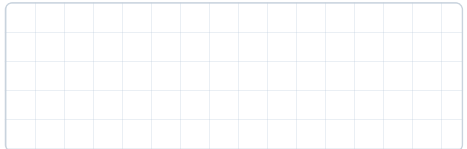
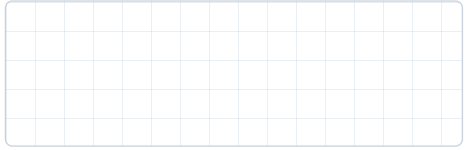


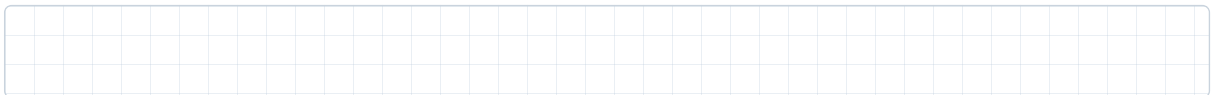
CUBE PAINT PRINT

- 1 Look at the solid: a classroom cube has six flat square faces.
- 2 Press one face gently in paint.
- 3 The footprint left on paper is a **square**.

PRACTICE

- 1 In the art corner a dice is dipped in paint. What flat shape does it print on the paper? _____
- 2 The teacher stands a glue-stick cylinder on its flat end in paint. What shape footprint appears? _____
- 3 A pupil presses a cereal box face-down in paint at the craft table. What flat shape is the footprint? _____
- 4 A football rolls across the painted tray in PE store. Explain why it never leaves a square, circle outline or rectangle. 
- 5 Draw the correct footprint for each classroom solid: cube, standing cylinder and cuboid. 
- 6 Three solids sit on the maths shelf: a cube, a cylinder and a sphere. Spot the one that cannot leave any flat paint footprint.

Which solid has no flat face at all?



? ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- a. A cube has six flat faces. ☐
- b. Every solid leaves the same footprint. ☐
- c. A sphere leaves a flat square or rectangle footprint. ☐
- d. A cuboid has no flat faces. ☐

