

SQUARE NUMBERS AND SQUARE ROOTS

APPLICATIONS

SQUARE ROOT SPIN

REQUIREMENTS

Ruler, pencil

INSTRUCTIONS

- Refer to the diagram below.
- Draw 2 lines, each 1 centimetre long, at right angles.
- Now draw other side (hypotenuse) of the right triangle. Measure this side. Its length will be $\sqrt{2}$ or 1.41cm.
- Draw the next triangle with a side of 1 cm. Measure the hypotenuse. Its length will be $\sqrt{3}$ or 1.73cm.
- Keep drawing to make this amazing pattern.
- Where could this pattern be used in real life?

