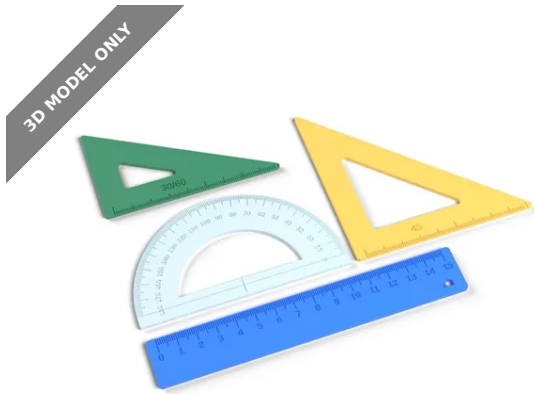




## Geometry Set - 15 cm Ruler, Protractor and Set Squares for School, No Supports (OpenSCAD)



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### Summary

A school maths set in one print: 15 cm ruler, 180-degree protractor, 45 and 30/60 set squares with engraved scales.

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A full school geometry set in one flat print: a 15 cm ruler, a 180-degree protractor, a 45-degree set square and a 30/60-degree set square, all with engraved millimetre and degree scales and numbers. For the pencil case, homework, the classroom or the workshop.

### DETAILS

- Ruler 160 x 26 mm, protractor 110 mm across, set squares with 100 mm legs; 2.4 mm thick.

- Prints flat with no supports; the scales are engraved 0.6 mm into the top. Fine layers (0.12-0.16 mm) give the crispest scales, or change colour for the top layers to make them pop.
- Bambu Studio: 1 h 19, 35 g for the set.
- Printed scales are accurate to your printer's calibration: check the ruler against a real one before relying on it.

CUSTOMIZE (OpenSCAD)

Ruler length, set square size, protractor radius and thickness.

Designed with AI assistance (OpenSCAD). Rendered images; not printed yet.

## Model files



**geometry-set.scad**



**geometry-set\_h2c.3mf**



**geometry-set.stl**

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