



MATHS (YEAR 7) • PRACTICE ASSIGNMENT

Algebra and Geometry Practice

ALGEBRA MEDIUM

Work through each question in order. Show your working in the space provided where it helps — there's no time limit, just do your best.

- 1

Simplify: $3(2x + 5) - 4x$.
- 2

Solve: $2x - 9 = 15$.
- 3

Find the circumference of a circle with radius 7cm (use $\pi \approx 22/7$).
- 4

Calculate the area of a triangle with base 10cm and height 6cm.
- 5

Find the median of this data set: 4, 9, 2, 7, 5.
- 6

A spinner has 8 equal sections numbered 1–8. Find P(the number is even).

TEACHER'S REMARKS

Score: _____ / 6