

Formative mini test

Pearson Edexcel GCSE Mathematics 1MA1 • L034

8 marks • 10 minutes • Non-calculator • Lesson resources

REACH FOR THE STAR | GCSE MATHEMATICS

Original Reach for the Star questions; not official or endorsed Pearson materials. Use after a delay as a classroom diagnostic.

M1 Circle radius 4 cm: give exact circumference. [1]

M2 Circle diameter 6 cm: give exact area. [1]

M3 Write the fraction of a circle represented by 60° . [1]

M4 Find arc length for $r=9$ cm, angle 120° , exactly. [2]

M5 A semicircle has radius 5 cm. Find arc and full perimeter; explain the extra length. [3]

Check working and units. Teacher feedback follows separately.