AQA – Geometry and measures – GCSE 2022 Mathematics

1. June/2023/Paper_8300/2H/No.3

   Circle the triangular number.

   [1 mark]

   9   12   15   18

2. June/2023/Paper_8300/2H/No.17

   Here is the plan of a solid.
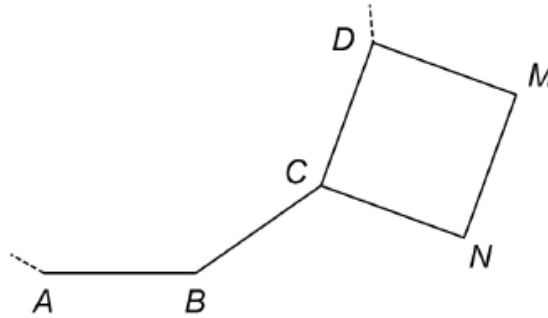
   Circle the solid that it could be.

   [1 mark]

   sphere   cone   hemisphere   cylinder

1

3.

AB, *BC* and *CD* are sides of a regular 12-sided polygon.

CDMN is a square.

Not drawn
accurately

Prove that points *A*, *B* and *N* lie on a straight line.

[4 marks]

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AB, *BC* and *CD* are sides of a regular 12-sided polygon.