

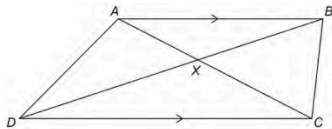
Q1. (2021)

3 Circle the solid that has 7 vertices. [1 mark]

- hexagonal prism
- hexagon-based pyramid
- pentagonal prism
- pentagon-based pyramid

Q2. (2023)

15 *ABCD* is a trapezium.
All four sides are different lengths.
AB is parallel to *CD*.
The diagonals intersect at *X*.



Not drawn accurately

For each statement, tick the correct box. [4 marks]

	True	May be true	Not true
Triangles <i>AXB</i> and <i>CXD</i> are similar	☐	☐	☐
Triangles <i>AXD</i> and <i>BXC</i> are congruent	☐	☐	☐
Angle <i>ADB</i> = angle <i>BDC</i>	☐	☐	☐
Area of triangle <i>ABC</i> = area of triangle <i>ABD</i>	☐	☐	☐

Q3. (2024)

13 *ABCDE* is a pentagon with *AB* = 7 cm

- BC* = 6 cm
- AB* and *BC* are perpendicular.
- AB* and *DC* are equal and parallel.
- Area of the pentagon = 54 cm²
- The pentagon has exactly **one** line of symmetry.

Complete a **labelled** drawing of the pentagon. [4 marks]

