

Name _____ Date _____

Vocabulary worksheet 1: 15.1–15.5

- 1 Use the words given in the box to fill in the gaps. The first one has been done for you.

2D solid flat faces 3D

- a The area is the space inside a 2D or _____ shape.
- b The volume is the space taken up by a _____ or _____ object.
- c The surface area is how big the _____ of a 3D object are.
- 2 Order the terms, using 1 for the smallest and 4 for the largest. The first one has been done for you.

square millimetre square metre hectare square centimetre

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- 3 Write the symbol for each definition. The first one has been done for you.

- a mm^2 unit of area; area of a square where the height of the square is 1 millimetre.
- b _____ unit of area; area of a square where the height of the square is 1 metre.
- c _____ unit of volume; volume of a cube where the height of the cube is 1 centimetre.
- d _____ a standard metric unit used to measure large areas; equal to $10\,000\text{ m}^2$.

- 4 Circle the correct word in each sentence. The first one has been done for you.

- a Cubic metre (m^3) is a unit of volume/area.
- b Conversion factors/shapes are used to convert from one unit to another.
- c A compound shape/object is a shape made up from simpler shapes.
- d The perpendicular distance/height is the height of a shape or object measured at 90° to its base.
- e A net is a diagram that can be folded to make a 2D/3D shape.