M1.(a) Hexagon ➔ 6 sides

B1

Quadrilateral ➔ 4 sides

B1

Pentagon ➔ 5 sides

B1

(b) C or (square based) pyramid

B1

[4]

M2.(a) Parallelogram

Accept Quadrilateral

B1

(b) Cuboid

Accept Rectangular prism

B1

Cylinder

Accept Circular prism
Do not Accept Tube

B1

[3]

M3.6 correct faces

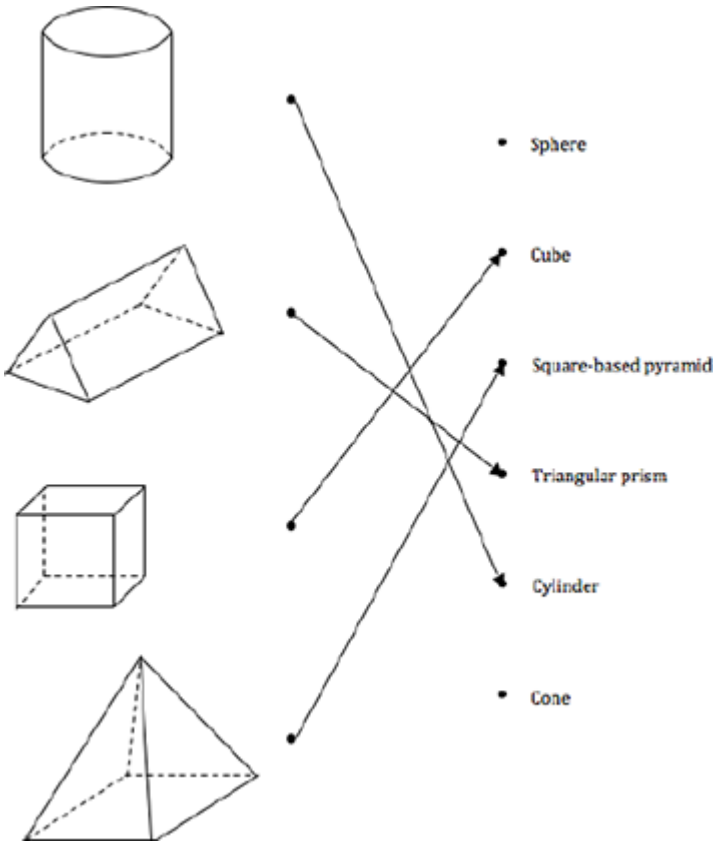
B2 for 4 or 5 correct faces

B1 for 2 or 3 correct faces

B3

[3]

M4.(a)



B2 two correct
B1 one correct

B3

(b) (l =) 40

SC2 40, 24, 20 assigned to the wrong dimensions
or
SC2 length 40, height 24 and width 20 with further work seen on answer line
or
SC1 two of 40, 24, 20 seen
May be on diagram

B1

(h =) 24

SC2 40, 24, 20 assigned to the wrong dimensions
or
SC2 length 40, height 24 and width 20 with further work seen on answer line
or
SC1 two of 40, 24, 20 seen
May be on diagram

B1

(*w* =) 20

SC2 40, 24, 20 assigned to the wrong dimensions

or

SC2 length 40, height 24 and width 20 with further work seen on answer line

or

SC1 two of 40, 24, 20 seen

May be on diagram

B1

[6]

M5. Any combination of 5 or 4 seen or impliedor 34 − 2 or 32 seenor 34 − 10 or 24 seen

eg 4 + 4 …5 + 55 + 4 …14, 18, …9, 13, …

M1

(34 − 2) ÷ 4 or (34 − 2 × 5) ÷ 4 (= 6)

oe

5 + 4 + 4 + 4 + 4 + 4 + 4 + 5or 14, 18, 22, 26, 30, 34or 9, 13, 17, 21, 25, 29, 34

M1 dep

8

A1

[3]

M6. Three numbers that add up to 52 or 4 × any length or states there are 4 lengths, 4 widths and 4 heights

eg 32, 12, 8

M1

The three numbers each divided by 4 or 52 ÷ 4 (= 13)or Three dimensions with total [12.7, 13.3]

eg 32 ÷ 4, 12 ÷ 4, 8 ÷ 4

M1 dep

Three dimensions with a total of 13 cm (all different)

eg 8, 3, 2

A1

[3]