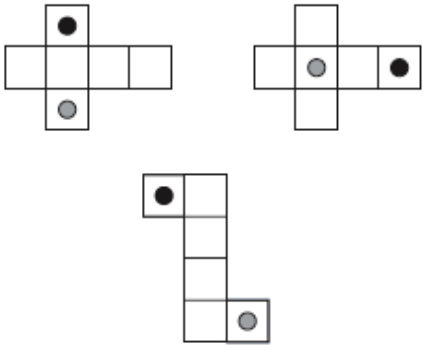
M1. Award **TWO** marks for three diagrams completed as shown:



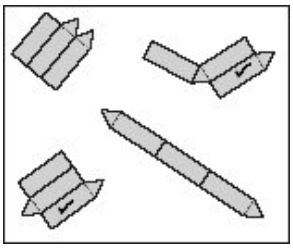
Accept alternative unambiguous indications.

If the answer is incorrect, award **ONE** mark for two diagrams correct.

Up to 2
U1

[2]

M2. Two nets ticked as shown:

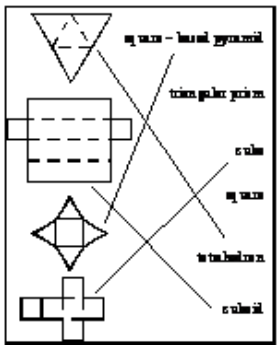


***Both** nets must be ticked for the award of the mark.*

Accept any other clear way of indicating the two correct nets, such as circling.

[1]

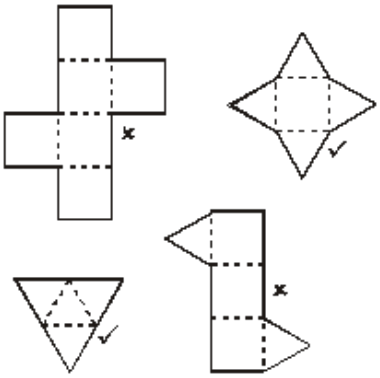
M3. 1 mark for drawing all arrows as shown.



Do not award the mark if the child draws additional lines unless he or she clearly indicates which three are correct.

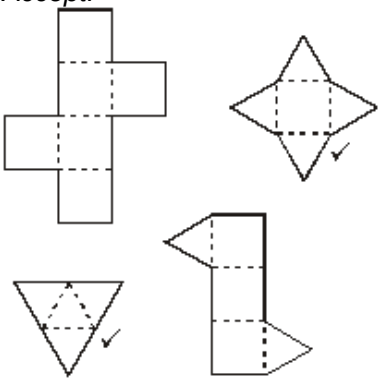
[1]

M4. Nets ticked and crossed as shown:



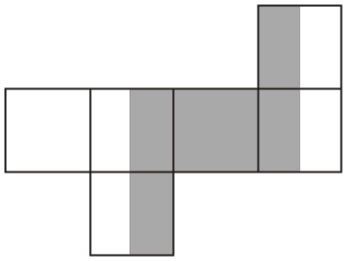
Accept alternative unambiguous indications of the correct nets, eg nets circled or crossed out.

Accept:



[1]

M5. Award **TWO** marks for four faces correctly shaded as shown:



If the answer is incorrect, award **ONE** mark for:

- only the correct four faces marked **AND** at least two shaded correctly

OR

- four faces shaded correctly **AND** one shaded incorrectly

OR

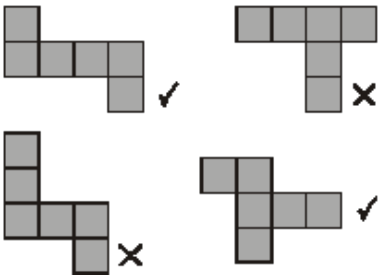
- three faces shaded correctly **AND** none shaded incorrectly.

The width of each shaded rectangle is irrelevant provided the intention is clear.

Up to 2 (U1)

[2]

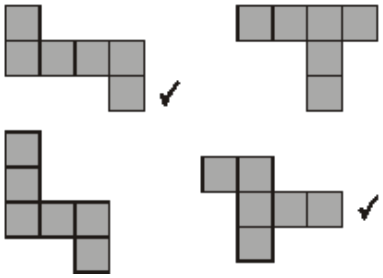
M6. Award **TWO** marks for diagrams ticked or crossed as shown:



If the answer is incorrect, award **ONE** mark for three diagrams ticked or crossed correctly.

*Accept alternative unambiguous indications such as **Y** or **N**.*

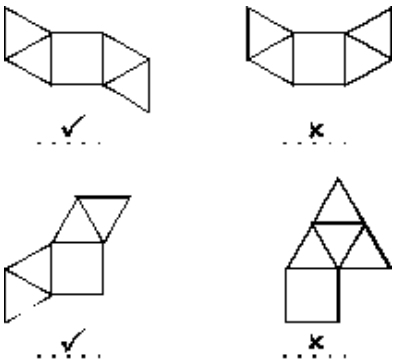
*For **TWO** marks accept:*



Up to 2

[2]

M7. Award **TWO** marks for a correct answer as shown below:



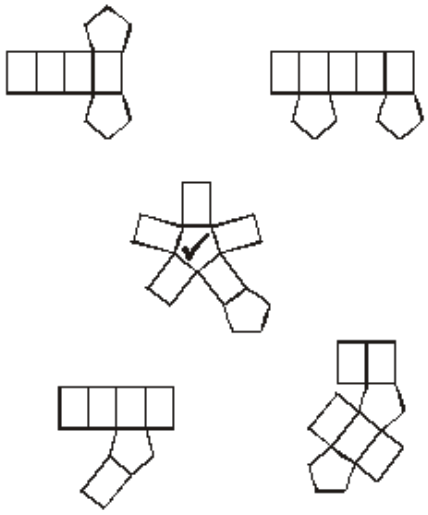
If the answer is incorrect, award **ONE** mark for three boxes correctly ticked or crossed **OR** two boxes correctly ticked and the other two boxes left blank.

Accept alternative, unambiguous indications, eg 'Y' or 'N'.

Up to 2

[2]

M8. One net ticked as shown:

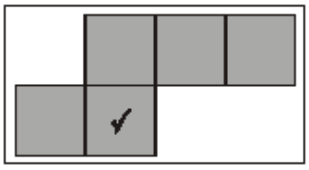


Accept alternative unambiguous indications of the correct shape, provided the intention is clear,

eg net circled

[1]

M9. Diagram marked as shown:



Accept alternative, unambiguous indications, such as a cross in the square shown above.

U1

[1]

M10.

Award **TWO** marks for all four boxes correct. Award **ONE** mark if only three boxes correct.

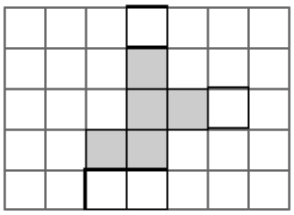
Each box must have a tick or a cross.

A blank box counts as incorrect, unless answer is indicated unambiguously elsewhere on the page.

Up to 2

[2]

M11. Diagram completed with **ONE** of the four extra squares shown.



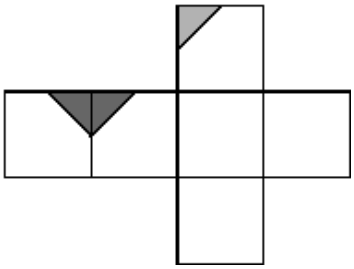
Accept slight inaccuracies in drawing provided the intention is clear.

Accept alternative indications, eg squares ticked or circled.

Accept more than one square drawn if **all** are correct.

[1]

M12. Diagram marked as shown:



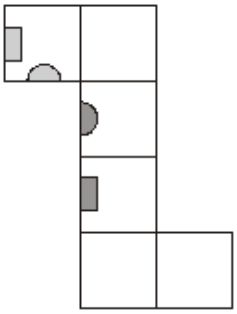
Both triangles must be correctly marked.

Accept slight inaccuracies in drawing, provided the intention is clear.

Triangles need not be shaded.

[1]

M13. Diagram completed as shown:



Accept: inaccuracies in drawing provided the intention is clear.

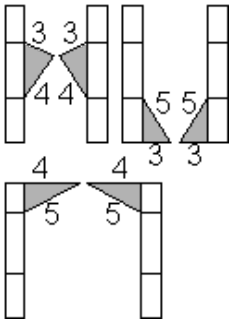
Shapes need not be shaded.

[1]

M14. (a) Award **ONE** mark for correct position of triangle as shown in one of the diagrams below.

1

(b) Award **ONE** mark for accurate drawing of one triangle with right angle (90° ± 2.5°) **AND** length of lines as indicated ± 2mm.



***No marks** awarded for triangles **not** attached to main stem.*

1

[2]

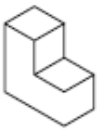
M15. Draws a correct view of the prism in any orientation, using the isometric grid, eg:

-
-

2

or

Draws a correct view, using the isometric grid, but the only error is either to omit one external line or to show some incorrectly indicated hidden lines, eg

- 

OR

Draws a view of a prism with an L-shaped cross section, using the isometric grid with all external lines and no incorrectly indicated hidden lines shown, but with incorrect dimensions

OR

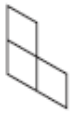
Shows an understanding that the net forms a prism with an L-shaped cross-section, showing all external lines and no incorrectly indicated hidden lines, but does not use the isometric grid, eg

•

OR

Draws a correct view of the cross-section, using the isometric grid, eg

•



1

Accept some or all internal lines drawn, eg

•

! Lines not ruled or accurate

Accept provided the pupil's intention is clear

! Extended edges

Condone

! Prism enlarged

For 2m or 1m, accept provided a consistent scale factor has been used for all lengths

! For 2m, some or all hidden lines shown

Do not accept unless hidden lines are dotted or otherwise shown as hidden

eg, do not accept

•

Do not accept *for 2m, any external line omitted*

! For 1m, L-shaped cross-section

The cross-section must have a line of symmetry eg, for 1m do not accept

-

! For 1m, additional lines shown with correct cross-section

Ignore

[2]