Planner

Plans and elevations

- Drawing the plans and elevations of 3-D shapes

Keywords

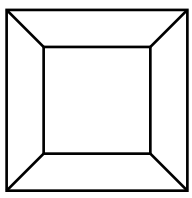
You should know

explanation 1

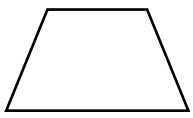
online

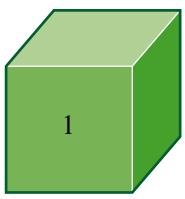
1 Here is the plan and side elevation for one of the shapes below. Which shape is it?

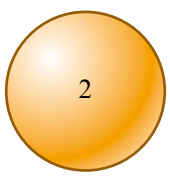
Plan

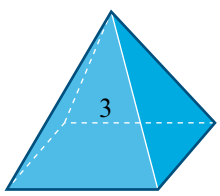


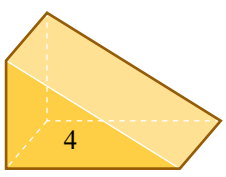
Side elevation

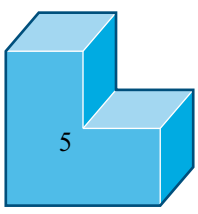


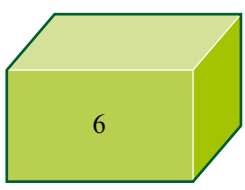


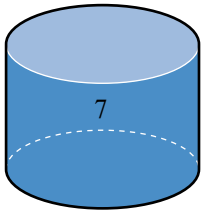


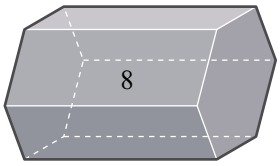


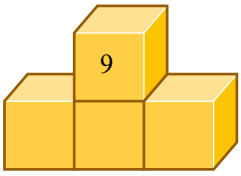


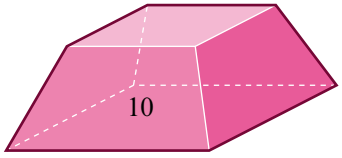


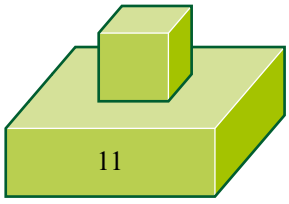


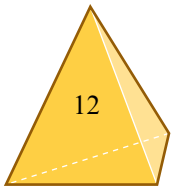










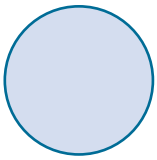


2 Look at the **plans** below. Which 3-D shapes from question **1** match each plan?

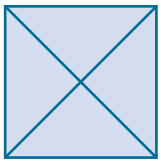
(Note: More than one 3-D shape might match each plan.)

a

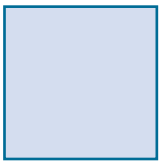
b



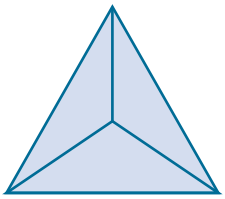
c



d



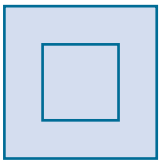
e



f

g

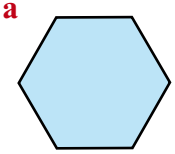
h



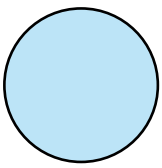
3 Look at the **side elevations** below. Which 3-D shapes from question **1** match each side elevation? Each view is as seen from the right.

(Note: More than one 3-D shape might match each elevation.)

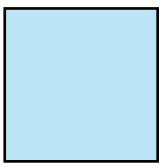
a



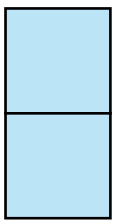
b



c



d



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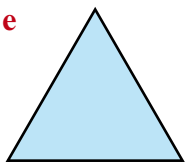
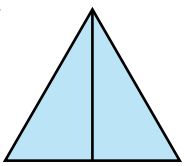
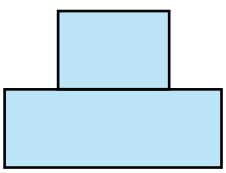


f



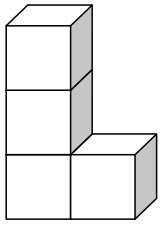
g



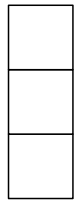
4 For each 3-D shape, three views are shown.

State whether each view is the plan, front elevation or side elevation.

a

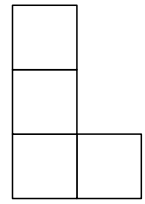


i

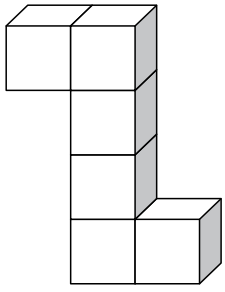


ii

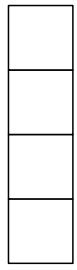
iii



b



i



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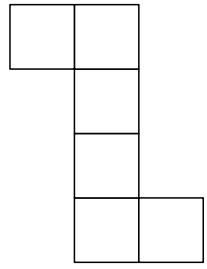
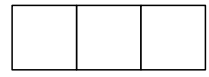


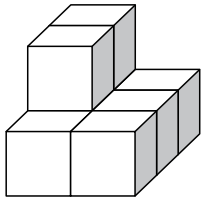
iii



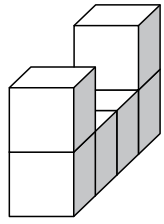
5 Draw the plan, front elevation and side elevation of each shape.

Making the shapes from cubes might help you.

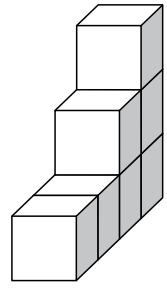
a



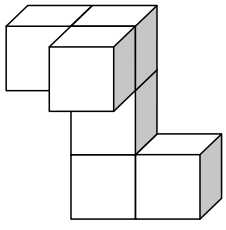
b



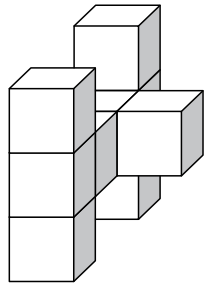
c



***d**



***e**



***f**