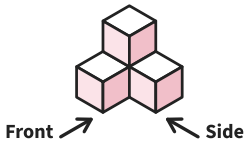
Plans and elevations

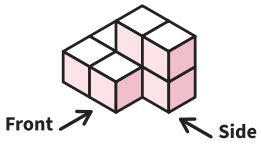
ANSWERS

1 The plan and the front elevation are drawn. Draw the side elevation. Plan: view from above.



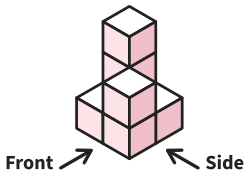
Plan | Front elevation | Side elevation

2 The plan is drawn. Draw the front elevation and the side elevation.



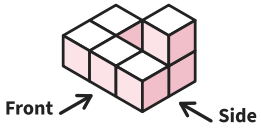
Plan | Front elevation | Side elevation

3 Draw the plan, the front elevation and the side elevation.



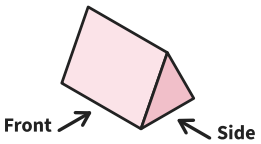
Plan | Front elevation | Side elevation

4 Draw the plan, the front elevation and the side elevation.



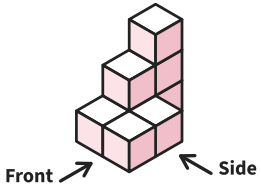
Plan | Front elevation | Side elevation

5 This triangular prism is 3 cm long, 2 cm wide and 2 cm tall. Draw its plan, front and side elevations. Use 1 square for 1 cm.



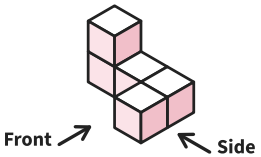
Plan | Front elevation | Side elevation

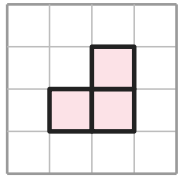
6 Draw the plan, the front elevation and the side elevation.



Plan | Front elevation | Side elevation

7 Is this drawing the plan, the front elevation or the side elevation of the solid?

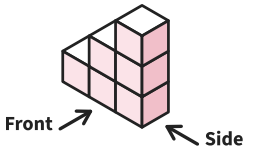


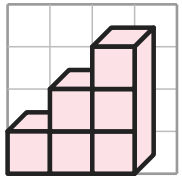


Drawing

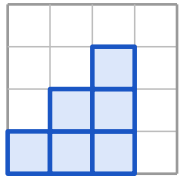
Answer *side elevation*

8 Kai drew this as the front elevation. What has he done wrong? Draw the front elevation correctly.





Kai's drawing



Front elevation

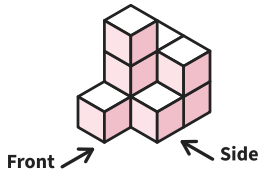
He drew the tops and a side.

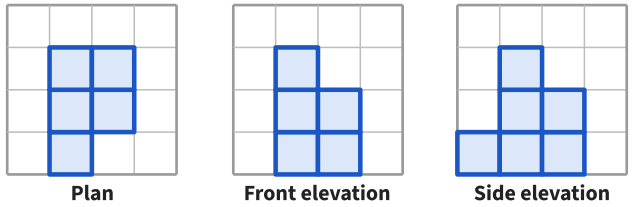
An elevation is flat.

Plans and elevations *further practice*

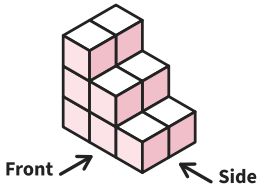
ANSWERS

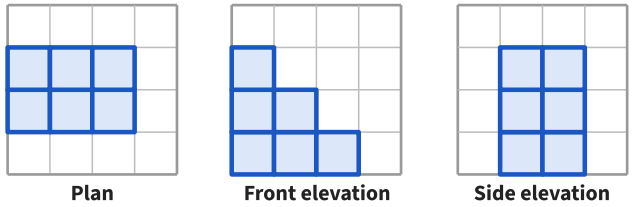
9 Draw the plan, the front elevation and the side elevation.



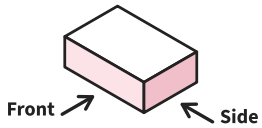


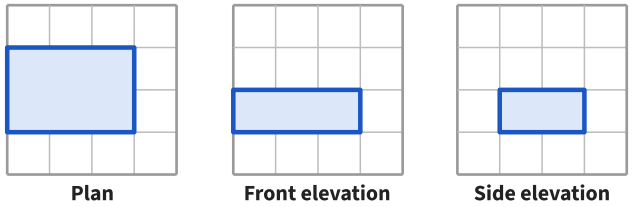
10 Tomasz builds these steps from 12 cubes. Draw the plan, front and side elevations.



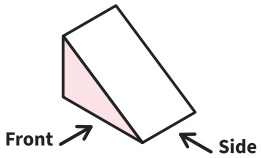


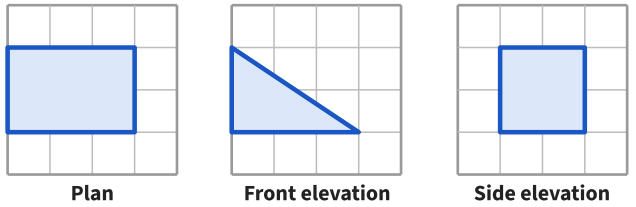
11 A cuboid is 3 cm long, 2 cm wide and 1 cm tall. Draw its plan, front and side elevations. Use 1 square for 1 cm.



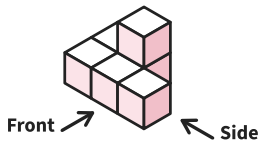


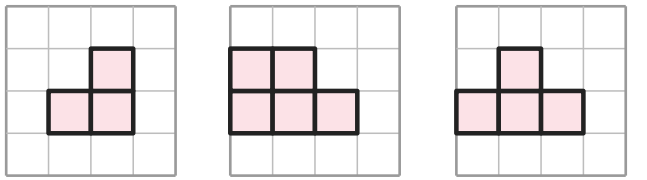
12 A door wedge is a prism 2 cm wide. Its front is a right-angled triangle, 3 cm long and 2 cm tall. Draw its plan, front and side elevations. 1 square is 1 cm.





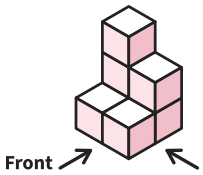
13 Write plan, front elevation or side elevation under each view of the solid.

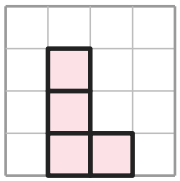




A *side elevation* B *plan* C *front elevation*

14 Amara says this is the side elevation of the solid. Is she right? Explain.

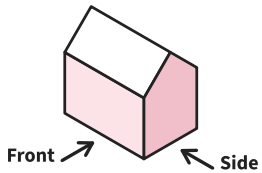


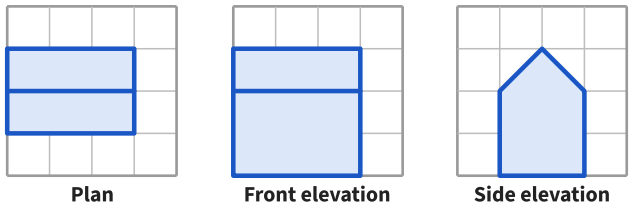


No. It is back to front.

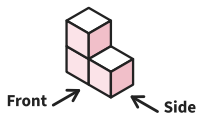
The front row (1 tall) goes on the left.

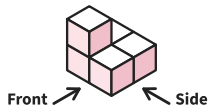
15 A toy house is a prism, 3 cm long and 3 cm tall. Its end is a 2 cm square with a triangle on top. Draw its plan, front and side elevations. Use 1 square for 1 cm.





16 Yusuf says, "These two solids have the same front elevation, so they are the same solid." Is he right? Explain.





No. The front elevations match,

but the side elevations are different.