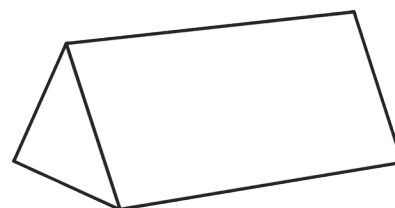
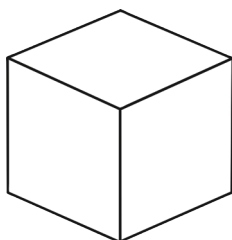
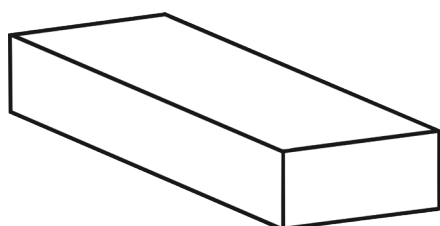
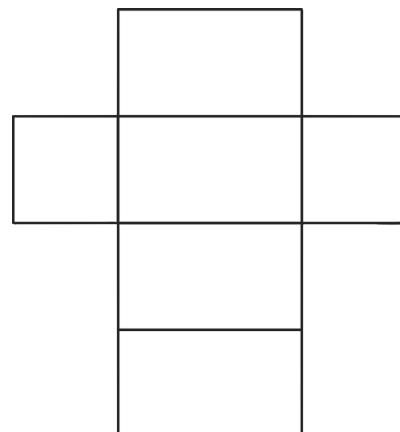
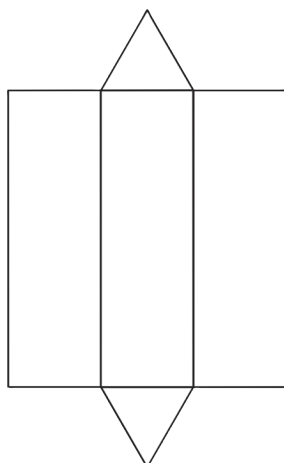
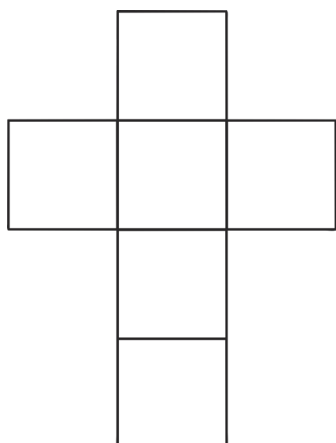
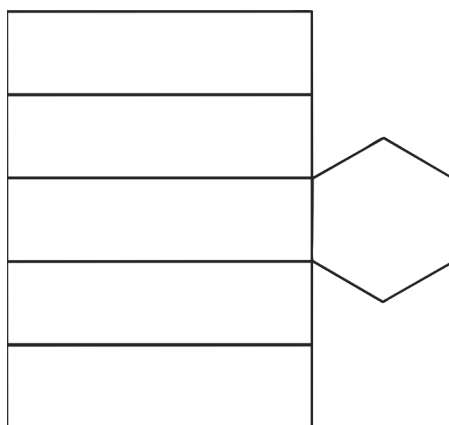


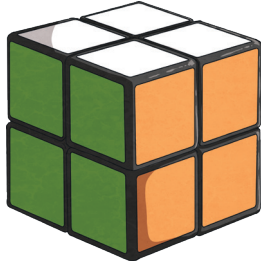
1) Match the net to the 3D shape.



2) Two faces are missing from this net of a hexagonal prism. Draw where they should go.



1) Jonah is looking at a cube model.



This cube is made up of 12 multilink cubes.



Do you agree with Jonah? Explain your answer.

Here is the front view and plan view of a 3D shape.



Plan view



Front view

Complete the sentences and remember to explain your answers.

It must be _____

It could be _____

It can't be _____

1) Sinitta has got six cubes: two red, two blue and two green. She arranges them to make a model, then says,



When I look from a plan view (from the top) I can see two red and two blue faces. When I look from the front (front elevation) I can see one red face, two blue faces and one green face.

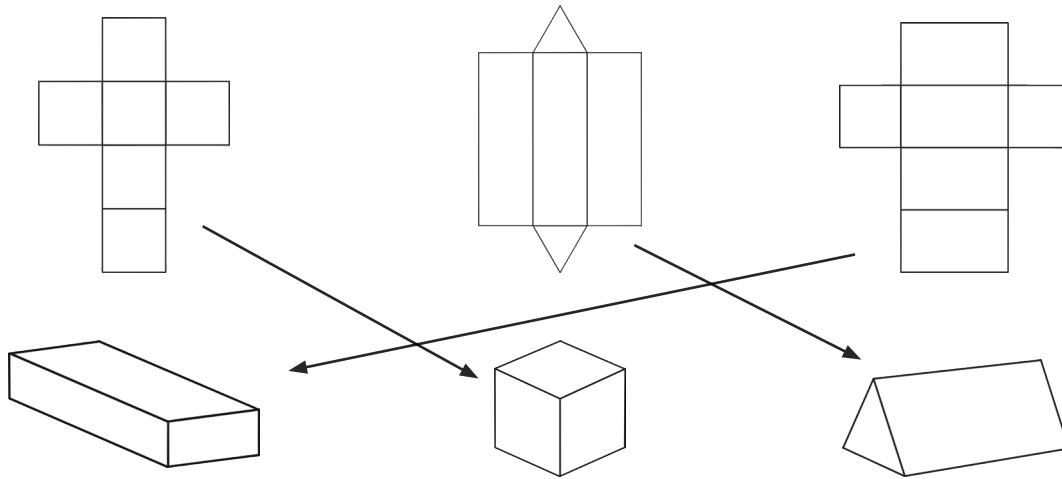


How might Sinitta have arranged the cubes?
What might her model look like?

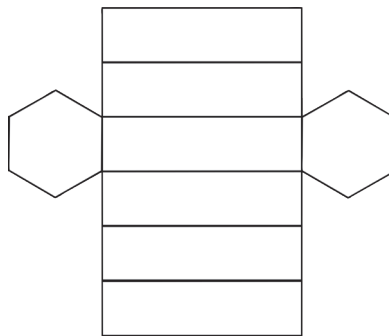
Is there more than one possible answer?



1)



2) Accept any correct answer, for example:



1) Jonah is wrong. He has counted the faces that are visible. The cube model is made up of 8 multilink cubes.

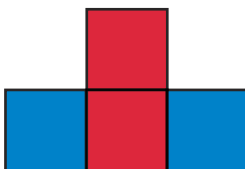


2) Accept any correct answer, for example: It must be a cuboid because a cuboid has rectangular faces. It could be a triangular prism because the sides are rectangular faces. It can't be a square-based pyramid because you would see the apex.

1) Accept any correct answer, for example:



Plan view



Below the 2 red cubes are the 2 green cubes.

Front elevation

