4.3 Nets



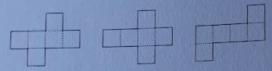
Nets

If we have a three-dimensional shape made out of paper that is sellotaped together and we remove the sellotape and lay the shape out flat, we end up with a net for the three-dimensional shape.

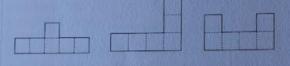
Consider the cuboid drawn below.



The nets below can all fold to form the cube above.



However not every shape comprising six squares will fold to form the cube drawn above. See below.





Example

Draw a net for the square based pyramid drawn below.

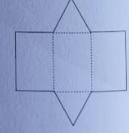


The net comprises a square base and four triangles that all fold along the dotted lines to join at the top.



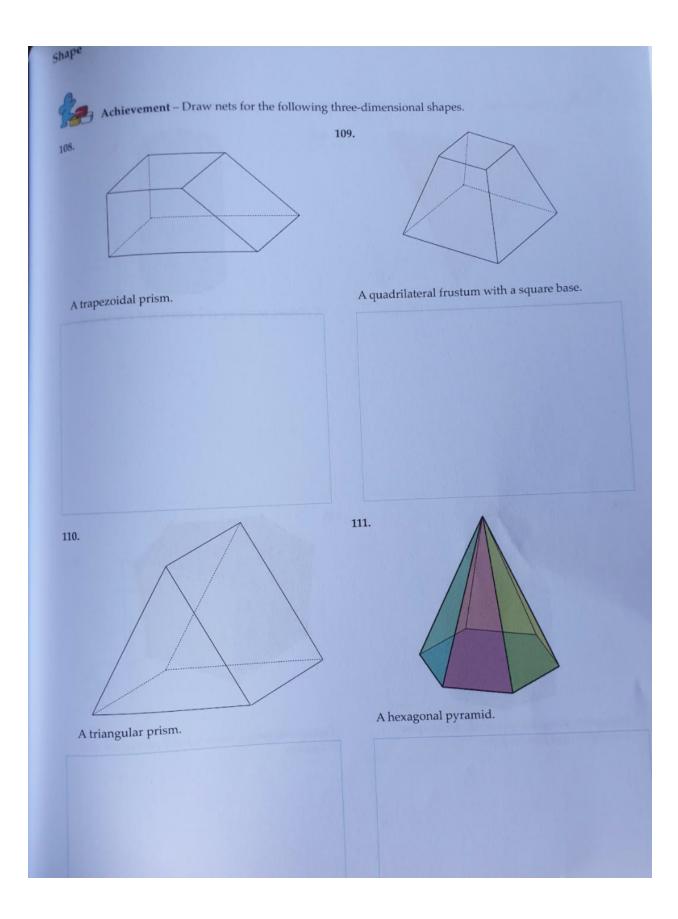


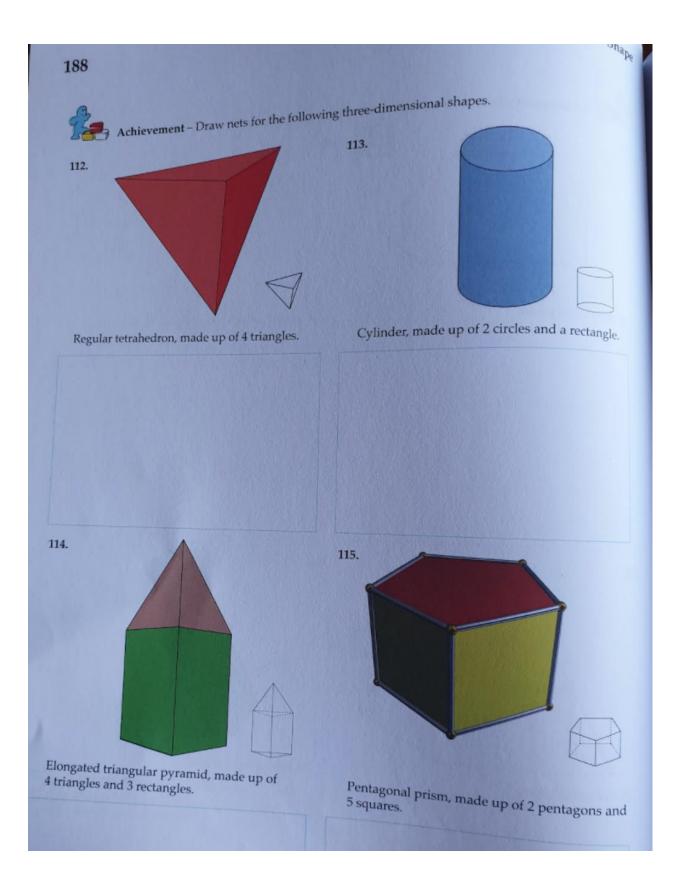
Given the net below draw the equivalent three-dimensional shape.





The three-dimensional shape comprises three rectangular faces and two triangular ones.





Answers

