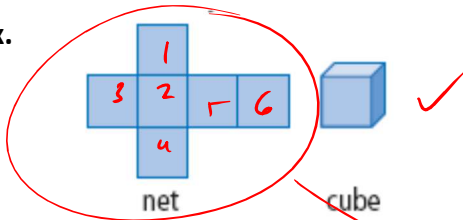


2.2 Nets of Three-Dimensional Objects

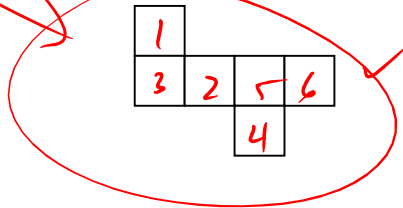
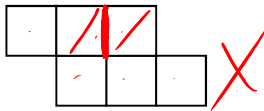
Fill in each blank.

A net is a 2-dimensional shape that when folded becomes a 3-dimensional object.

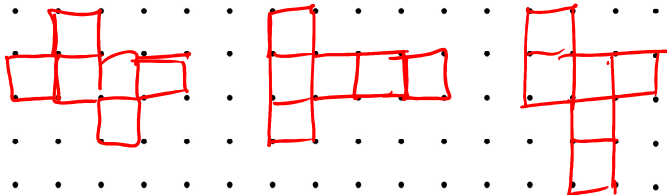
Ex.



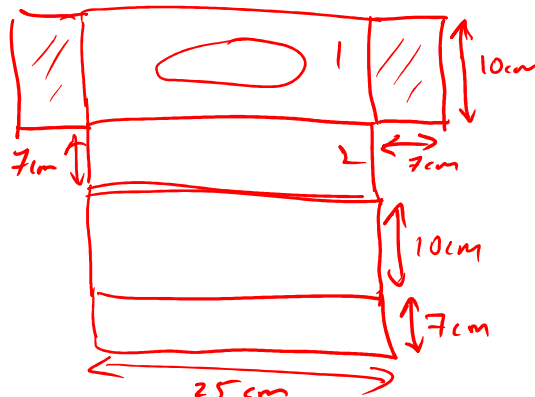
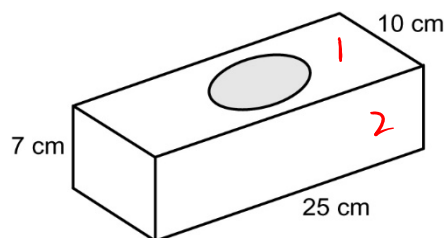
Both of these nets have six faces, like a cube. Will both nets form a cube? Justify your answer.



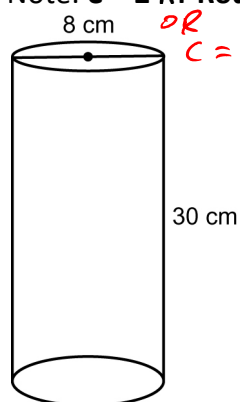
What other nets could be used to create a cube?



Draw the net for each object. Label the measurements on the net.

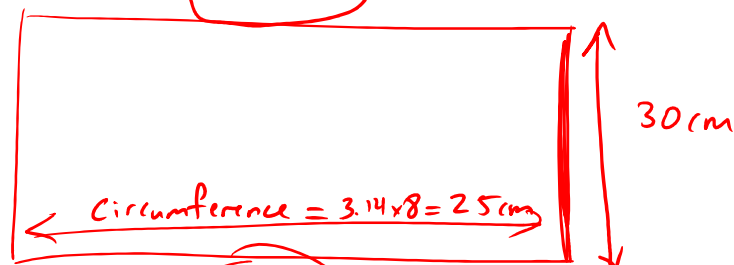


Note: $C = 2\pi r$ Round your answer to the nearest whole centimetre.

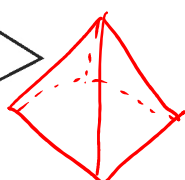
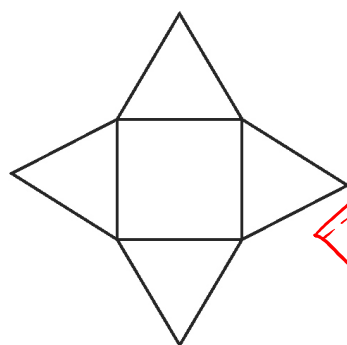


$C = \pi d$

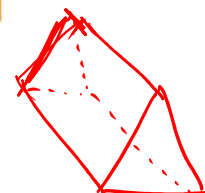
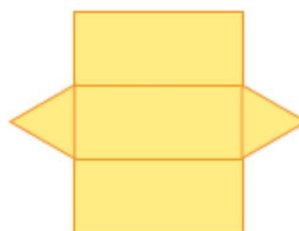
$d = 8 \text{ cm}$



Given the net, sketch the 3-D object that this net makes.



square
base
pyramid



Triangular
Prism
(tent)

Vocab Link

Rectangular Prism: A prism with congruent rectangle bases

Triangular Prism: A prism with congruent triangle bases

Circular Prism: A prism with congruent circle bases

Practice: pg. 47 / # 1 – 3, 6 (don't have to create the object), 7, 10, 13