Week 3_Maths_Lesson 1

Lesson 1

L.O I am learning to identify nets of 3D shapes.

All	All of you must complete the fluency section.
Most	Most of you will compete the fluency and reasoning sections.
Some	Some of you will complete the fluency, reasoning, and problem-solving sections.

Try your best – it is all we can ask for! 😊

This video may help if you are stuck at any point:

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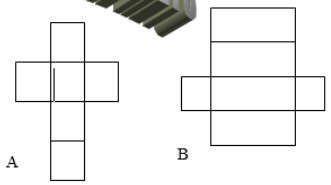
https://corbettmaths.com/2013/12/23/nets-2/

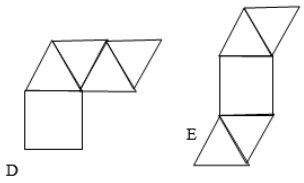
Fluency

Key Vocabulary: 3-D, net, prism, face, edge, vertex, vertices

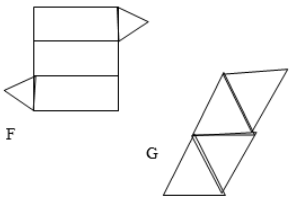
1. Match the 3D shapes to their nets.



Can you match the correct net with its 3D shape?



Net	Shape

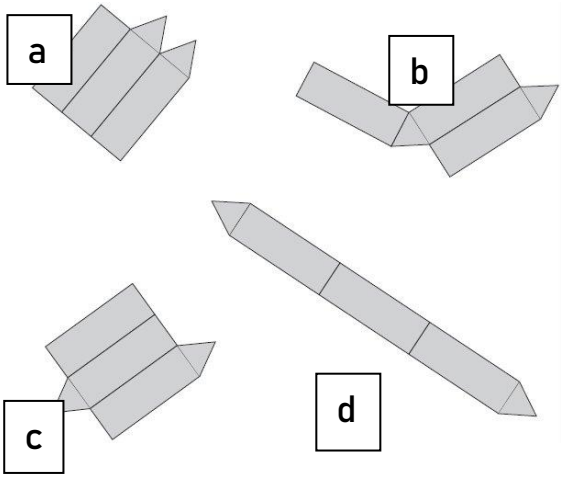


1 2 3 4 5

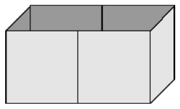
Your answer

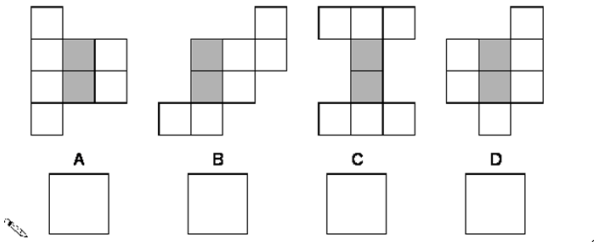
Net	Shape	Name

2. Two of these diagrams are nets for triangular prisms. Which diagrams are they?

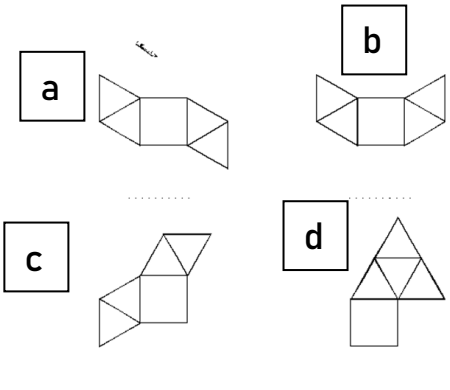


3. This is an open top box. Which of the nets below, is not a net for the box? The base is shaded in each one.

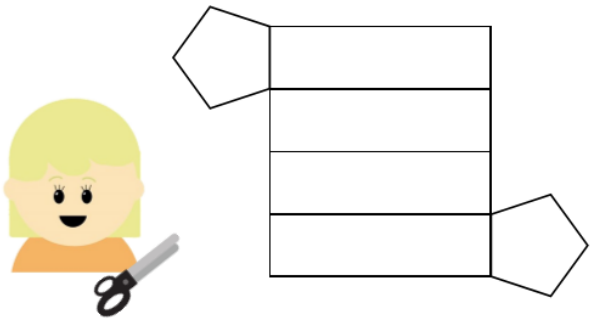
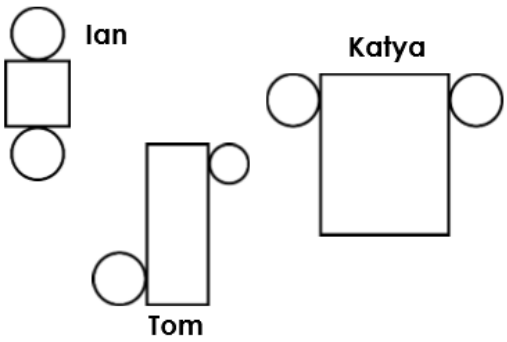


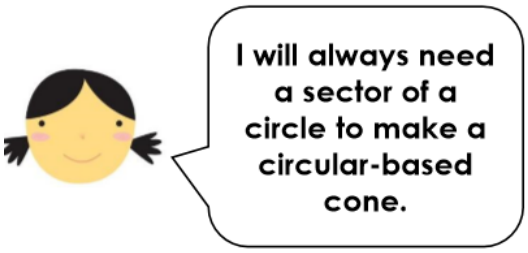
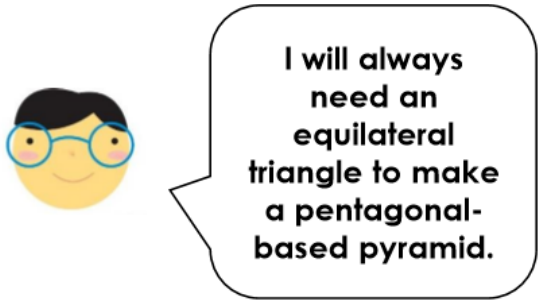


4. Which two of these nets is a net for a square based pyramid?



Reasoning and Problem Solving

Key Vocabulary: 3-D, net, prism, face, edge, vertex, vertices	Your answer
REASONING 1 Jane has made the net of a pentagonal prism.  Explain the mistake she has made. How will she correct it?	
REASONING 2 True or False? The nets of prisms are always formed from an odd number of shapes.	
3. Ian, Katya and Tom have made nets of a cylinder. Check which nets would work and explain any mistakes which have been made.  	

5. Leia is thinking about 3D shapes.  Is she correct? Explain your answer.	
6. Marshall is thinking about 3D shapes.  Is he correct? Explain your answer.	