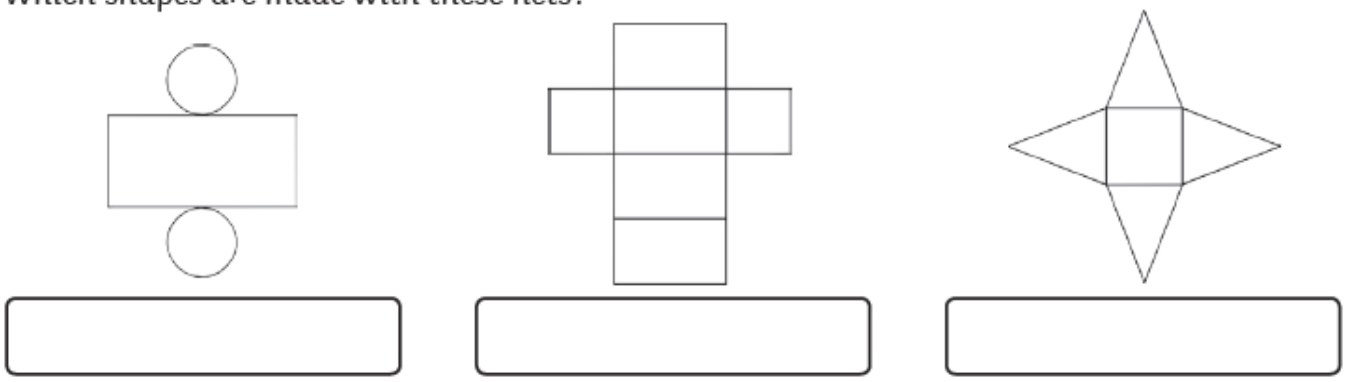
11.5.20

LO. To be able to construct 3D shapes

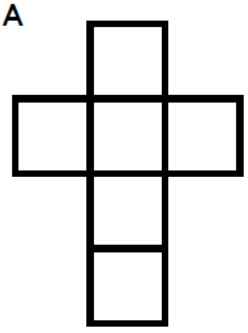
Mild

Which shapes are made with these nets?

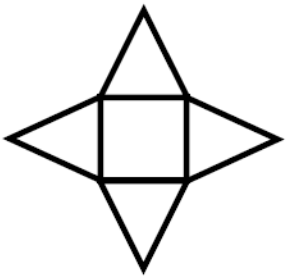


1. Tick the nets of the 3D shapes that have the same number of faces.

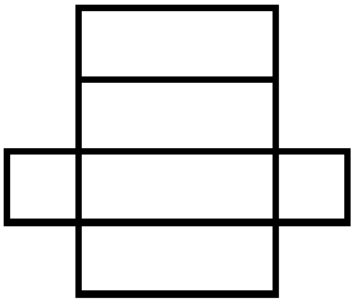
A



B



C

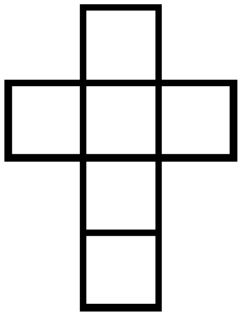


D

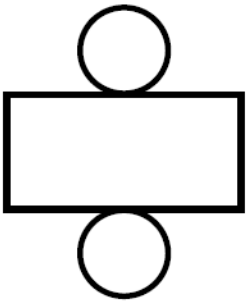
VF
HW/Ext

2. Circle the net of a cylinder.

A



B



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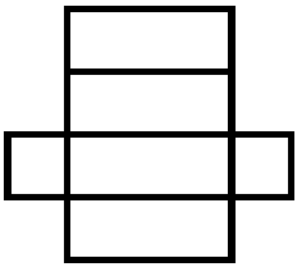
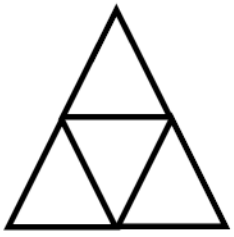


D



D

VF
HW/Ext

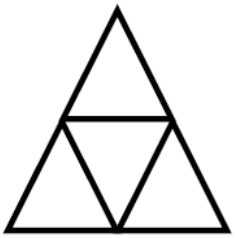
Hot

True or false?

- You can cut out lots of equal squares and make a 3-D shape from them.
- You can cut out some circles and rectangles and make a 3-D shape from them.

4. Tick the nets of the 3D shapes that have the same number of faces.

A



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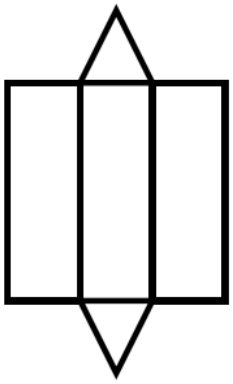

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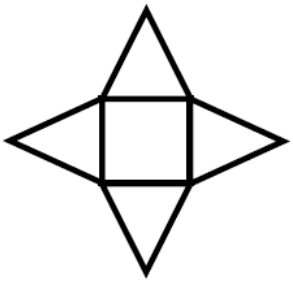
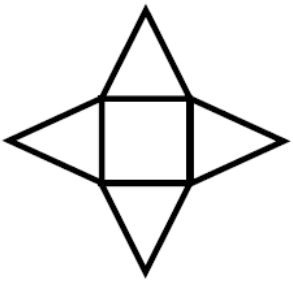


VF
HW/Ext

5. Circle the net of a triangular prism.

A



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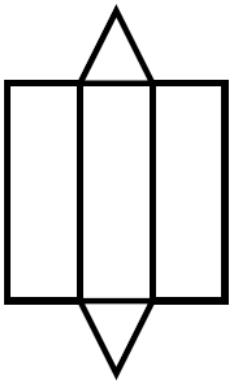

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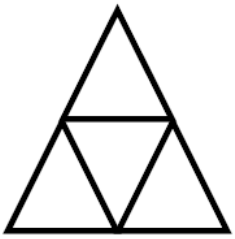
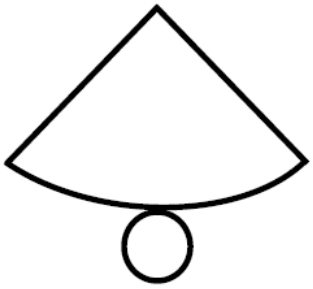


D



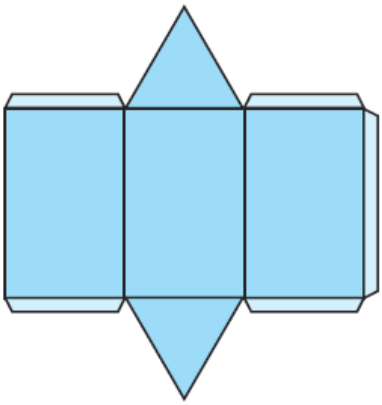
VF
HW/Ext

Challenge – Can you name the 3D shapes that would be made from all of the nets above?

Spicy

When assembled, what 3D shape does this net make?

_____



b) How many faces does the assembled 3D shape have? Describe them.

_____

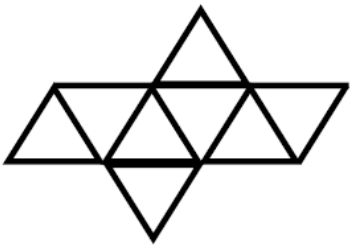
_____

_____

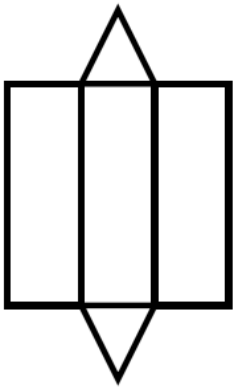
_____

7. Tick the nets of the 3D shapes that have the same number of vertices.

A



B



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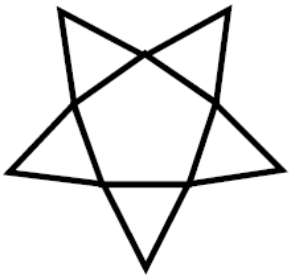
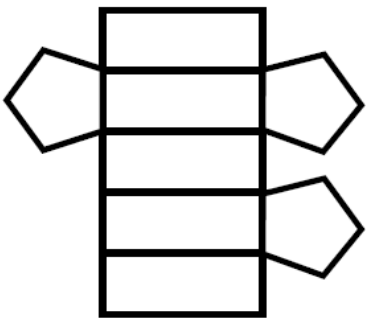


GD

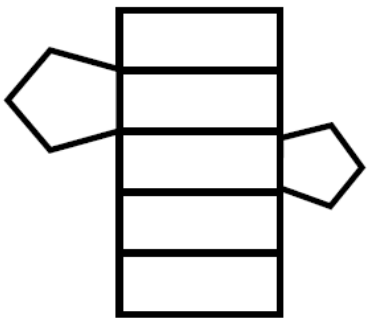
VF
HW/Ext

8. Circle the correct net of a pentagonal prism.

A



B



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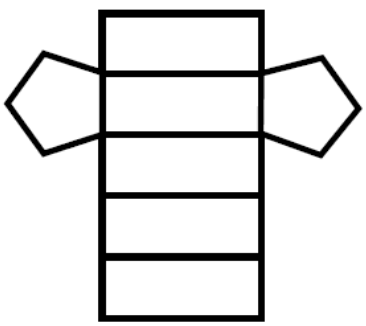

GD

VF
HW/Ext