

Name: _____

Date: _____

5.2 Nets of Three-Dimensional Objects

MathLinks 8, pages 170–175

Key Ideas Review

1. Complete each statement.

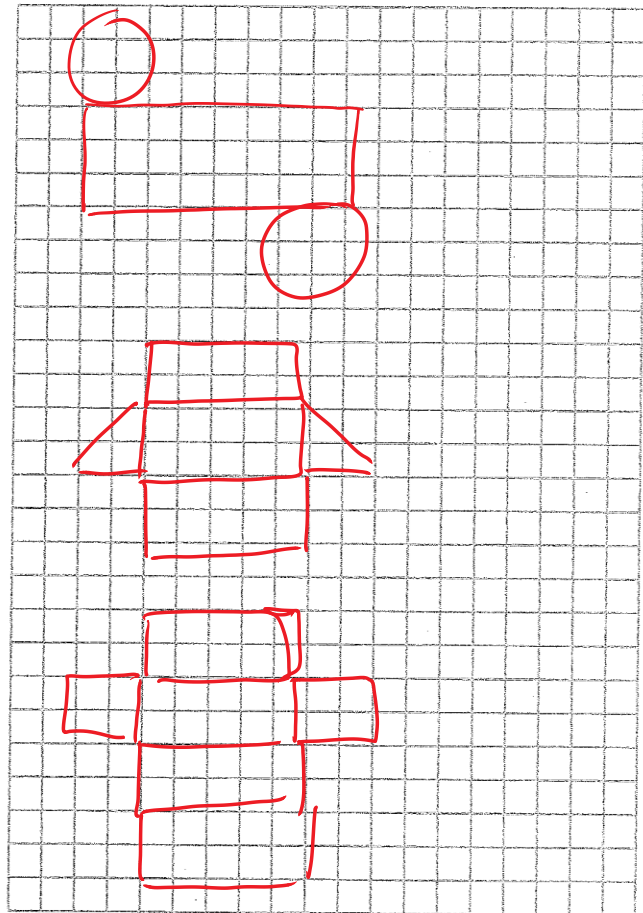
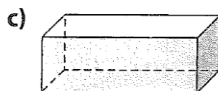
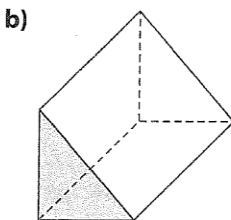
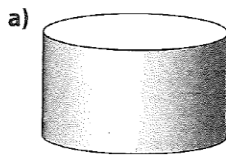
a) A net is a 2-D figure that creates a 3-D object when it is folded.

b) Different nets can be folded into the same 3-D object.

3-D shape

Practise and Apply

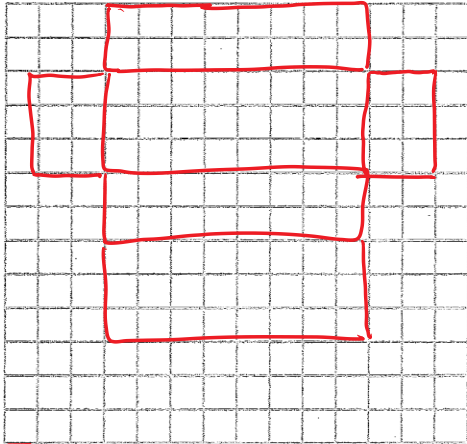
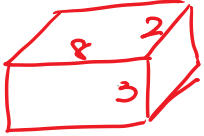
2. Draw a net for each object.



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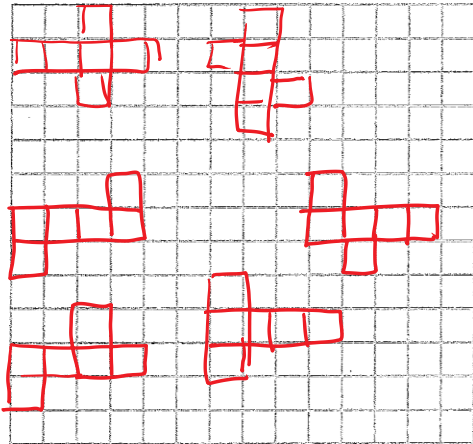
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3. Using the grid box, draw a net for a rectangular prism with a length of 8 units, width of 2 units and height of 3 units.

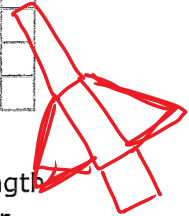
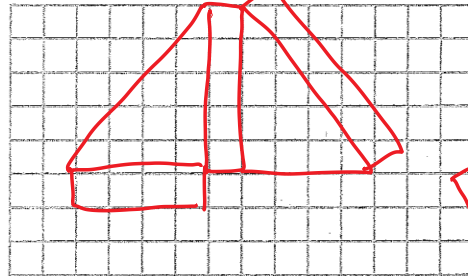
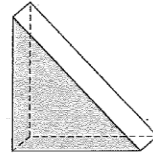


1 unit

4. Draw at least four possible nets for a cube. (Each net must fold to create a cube.)

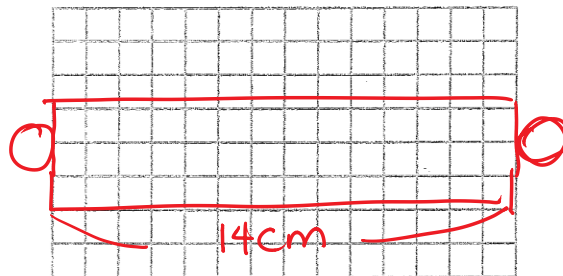


5. Jocelyn is creating a piece of art for her room, using this object as her base. Draw a net of her object so she can do a draft of her design.



6. A company that manufactures pencils decides to shorten the length of their pencils by 5 cm. A regular pencil measures 19 cm in length.

- a) Draw a net of the new pencil with all measurements labelled.



- b) Draw a net for a new box that holds ten pencils of the new length. Label your net with all measurements.

