

5.2

Nets of Three-Dimensional Objects*MathLinks 8, pages 170–175***Key Ideas Review**

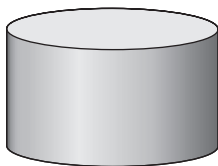
1. Complete each statement.

- a) A _____ is a 2-D figure that creates a 3-D object when it is folded.
- b) Different nets can be folded into the same _____.

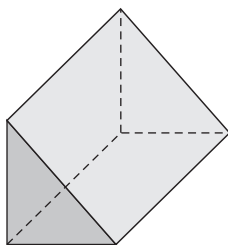
Practise and Apply

2. Draw a net for each object.

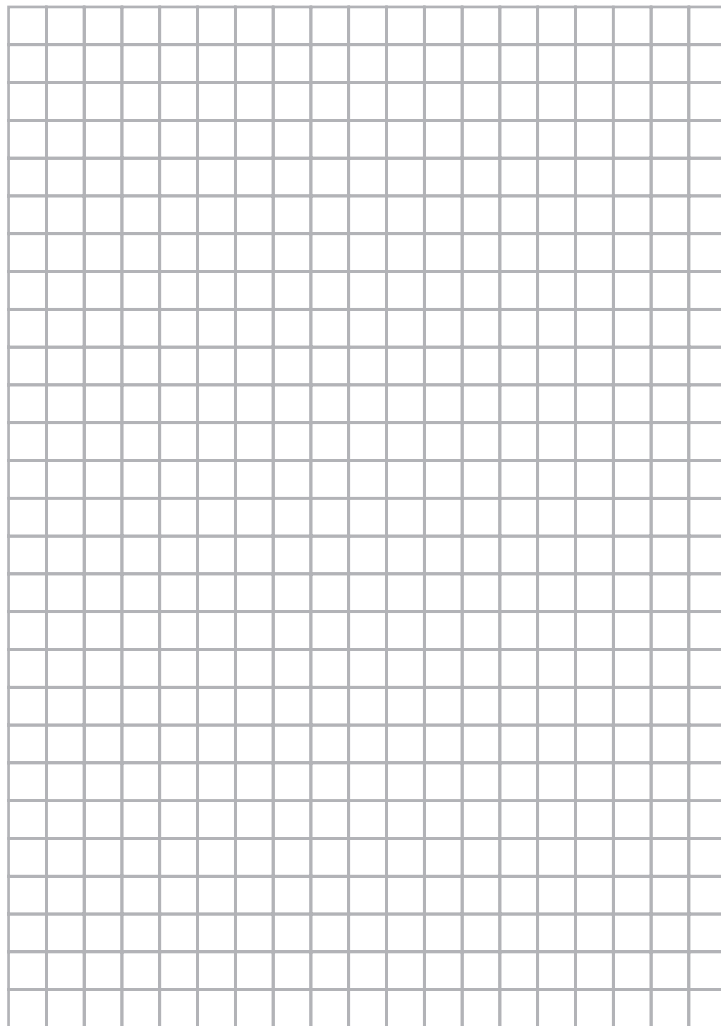
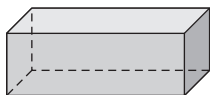
a)



b)



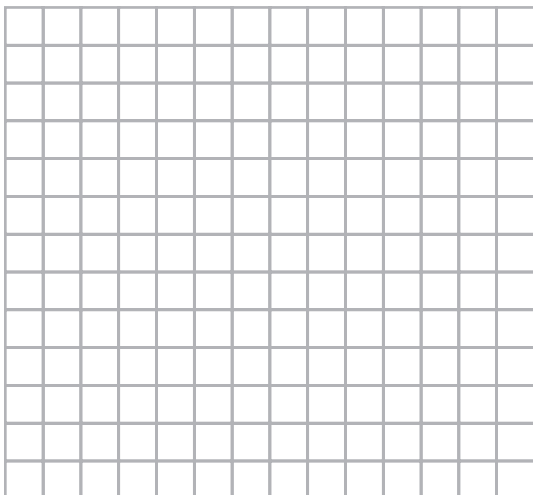
c)



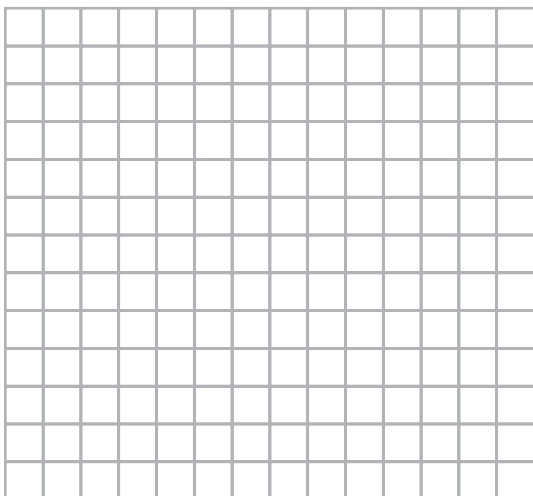
Name: _____

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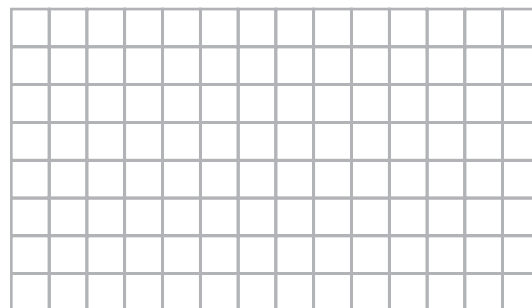
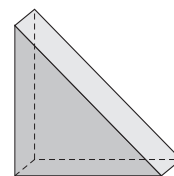
3. Using the grid box, draw a net for a rectangular prism with a length of 8 units, width of 2 units and height of 3 units.



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

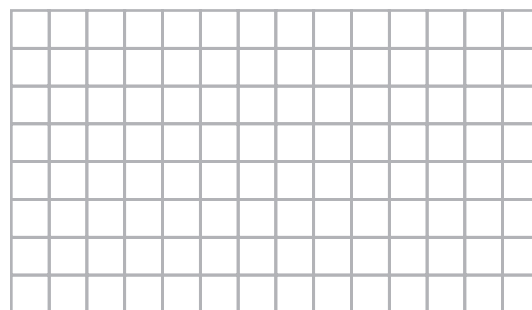


5. Jocelyn is creating a piece of art for her room, using this object as her base. Draw a net of her object so she can do a draft of her design.



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.

