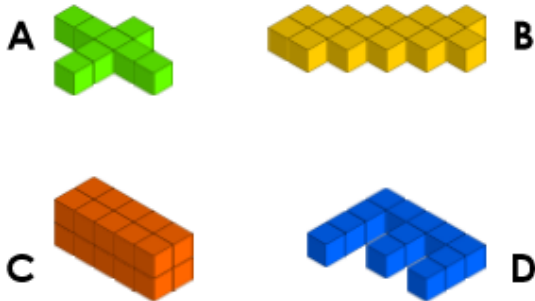


Maths Activity 15

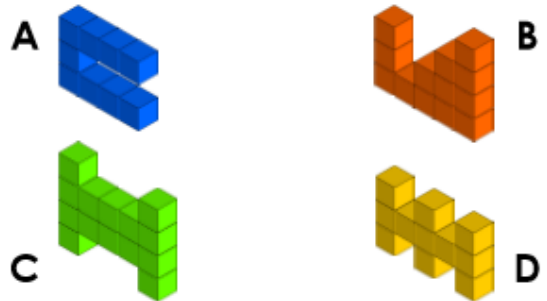
4a. Here are 4 shapes made of 1cm^3 cubes.



Pair these volumes with the shapes.

★ E	8cm^3	12cm^3	15cm^3	20cm^3	VF
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4b. Here are 4 shapes made of 1cm^3 cubes.



Pair these volumes with the shapes.

★ E	14cm^3	13cm^3	11cm^3	9cm^3	VF
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5a. Which shape below has the smallest volume?



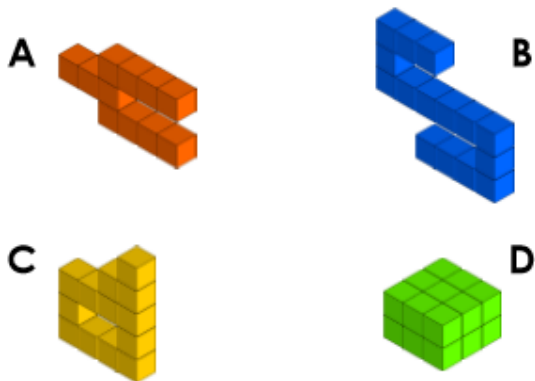
Write a sentence to compare the volumes of A and B.

5b. Which shape below has the largest volume?

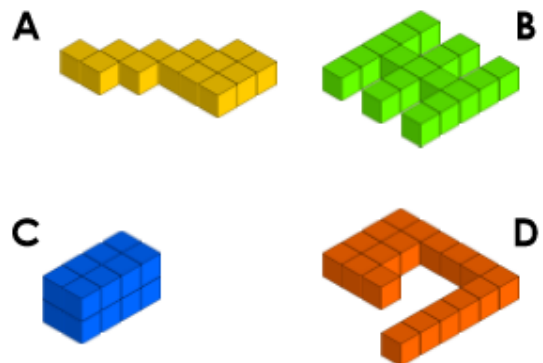


Write a sentence to compare the volumes of A and B.

6a. Put these shapes in descending order according to their volume.



6b. Put these shapes in ascending order according to their volume.



Challenge

4a. Jaziba can use up to twenty 1cm^3 cubes to make a shape. This is the side view of the shape she makes:



Give one possible volume Jaziba's shape could have.
Explain your answer.



R

5a. Neil makes this shape from 1cm^3 cubes:



Karl makes one shape with a volume of 15cm^3 and another shape with a volume of 9cm^3 . He combines them.
Investigate which child now has a shape with the largest volume.

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