## Compare volume

(1) Whitney and Tommy have each made a shape using cubes. Each cube has a volume of $1 \mathrm{~cm}^{3}$

a) What is the volume of Whitney's shape?

b) What is the volume of Tommy's shape?

c) Whitney and Tommy are comparing the volumes of their shapes.


Who do you agree with? Tommy
Explain your answer.
More cubee means a greater volume. Whitney's
-Shape is taller but Tommy's 'swider.

Each cube has a volume of $1 \mathrm{~cm}^{3}$
What is the volume of each shape?
a)

b)

c)

d)


Tick the shape with the greater volume in each pair.

Dora and Ron have each made a shape using cubes.
a)



b)


c)




Here are some shapes made from cubes.


Amir, Eva and Alex have made shapes out of centimetre cubes.
a) Amir has made this shape.


What is the volume of Amir's shape?

$$
18
$$ $\mathrm{cm}^{3}$

b)


What is the volume of Eva's shape?
$24 \mathrm{~cm}^{3}$
c)


Put the shapes in ascending order of volume.

Make your own shapes for a partner to put in order.

