

## GREY GROUP

1a. Sophie makes a shape that has a volume of  $8\text{cm}^3$ .



What does my shape look like?

Find two different shapes with the same volume as Sophie.



G PS

1b. Damon makes a shape that has a volume of less than  $8\text{cm}^3$ .



What does my shape look like?

Find two different shapes with a volume less than  $8\text{cm}^3$ .



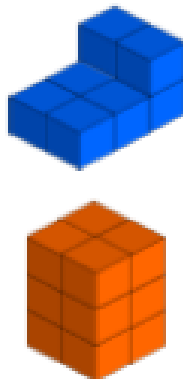
G PS

2a. Find the odd one out by matching the shape and the volume.

$12\text{cm}^3$

$8\text{cm}^3$

$14\text{cm}^3$



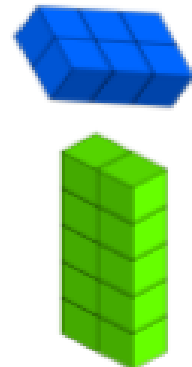
G PS

2b. Find the odd one out by matching the shape and the volume.

$12\text{cm}^3$

$10\text{cm}^3$

$6\text{cm}^3$



G PS

3a. Which child has the greatest volume?

Joel



My shape has a length of 2 cubes, a width of 2 cubes and a height of 2 cubes.

My shape has a length of 3 cubes, a width of 1 cube and a height of 2.



Adam

Explain.



G R

3b. Which child has the greatest volume?

Milly



My shape has a length of 3 cubes, a width of 1 cube and a height of 3 cubes.

My shape has a length of 2 cubes, a width of 3 cube and a height of 2.



Tom

Explain.



G R

## GREEN GROUP

4a. Isla makes a shape that has a volume of  $10\text{cm}^3$ .



What does my shape look like?

Find three different shapes with a volume of  $10\text{cm}^3$ .



5 PS

4b. Jake makes a shape that has a volume of less than  $10\text{cm}^3$ .



What does my shape look like?

Find three different shapes with a volume of less than  $10\text{cm}^3$ .



5 PS

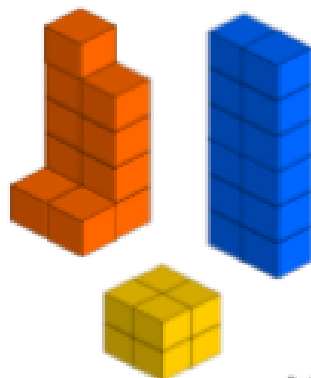
5a. Find the odd one out by matching the shape and the volume.

$8\text{cm}^3$

$16\text{cm}^3$

$12\text{cm}^3$

$11\text{cm}^3$



5 PS

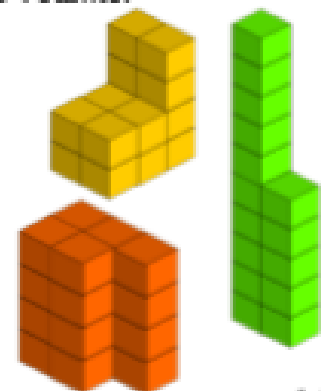
5b. Find the odd one out by matching the shape and the volume.

$15\text{cm}^3$

$16\text{cm}^3$

$17\text{cm}^3$

$20\text{cm}^3$



5 PS

6a. Which child has the greatest volume?

Tyler



My shape has a length of 4 cubes, a width of 2 cubes and a height of 2 cubes.

My shape has a length of 6 cubes, a width of 2 cubes and a height of 2 cubes.



Meera

Explain.



5 R

6b. Which child has the greatest volume?

Phoebe



My shape has a length of 5 cubes, a width of 2 cubes and a height of 3 cubes.

My shape has a length of 7 cubes, a width of 2 cubes and a height of 2 cubes.



Jason

Explain.



5 R

## GOLD GROUP

7a. Abdalla makes a shape that has a volume of between  $10\text{cm}^3$  and  $20\text{cm}^3$ .



What does my shape look like?

Find five different shapes with a volume of less than  $20\text{cm}^3$ .



5 PS

7b. Alison makes a shape that has a volume of less than  $20\text{cm}^3$ .



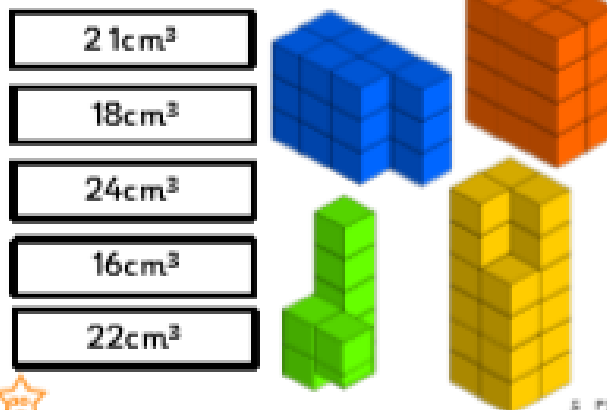
What does my shape look like?

Find five different shapes with a volume of less than  $20\text{cm}^3$ .



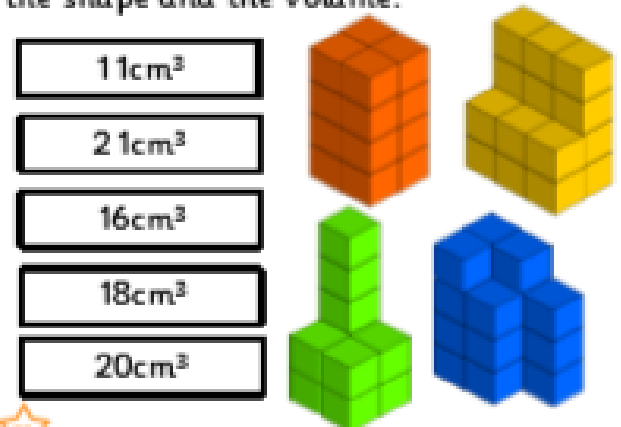
5 PS

8a. Find the odd one out by matching the shape and the volume.



5 PS

8b. Find the odd one out by matching the shape and the volume.

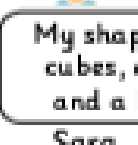


5 PS

9a. Which child has the greatest volume?



My shape has a length of 3 cubes, a width of 5 cubes and a height of 3 cubes.



My shape has a length of 4 cubes, a width of 6 cubes and a height of 2 cubes.



My shape has a length of 4 cubes, a width of 4 cubes and a height of 3 cubes.

Explain.

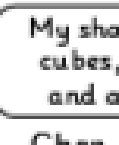


5 R

9b. Which child has the greatest volume?



My shape has a length of 8 cubes, a width of 1 cubes and a height of 4 cubes.



My shape has a length of 4 cubes, a width of 3 cubes and a height of 2 cubes.

Explain.



5 R