

Name:


Date:


## Year 6 Capacity Assessment


I can connect decimal representations to the metric system (ACMMG135)


I can convert between common metric units of capacity (ACMMG136)


1. Record the amount of water in each jug in litres.


a) 

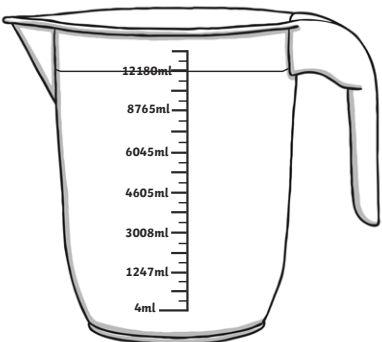
b) 

c) 

d) 

e) 

f) 

g) 

7 marks

total for this page

2. Use the following numbers to fill in the approximate capacity of each object:

5

15

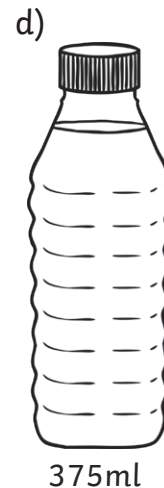
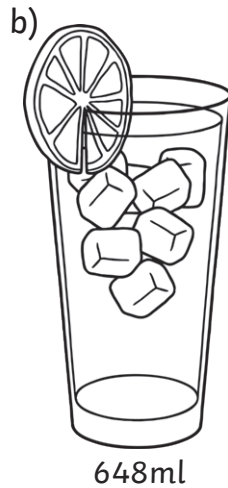
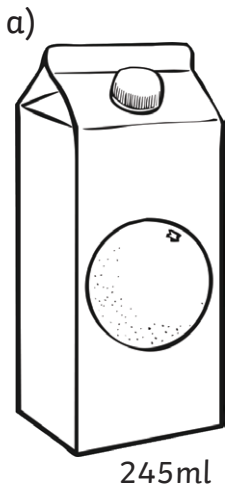
180

250

- a) The water glass holds \_\_\_\_\_ L.
- b) The bottle cap holds \_\_\_\_\_ L.
- c) The sink holds \_\_\_\_\_ L.
- d) The bathtub holds \_\_\_\_\_ L.

4 marks

3. If you are going shopping and want to buy as close as you can to 5 Litres of each of these drinks, how many should you buy?



a) How many should you buy of a?

b) How many should you buy of b?

c) How many should you buy of c?

d) How many should you buy of d?



4 marks

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4. What is the difference between measuring volume and capacity?

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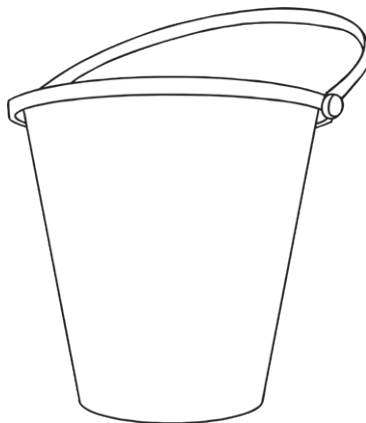
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1 marks

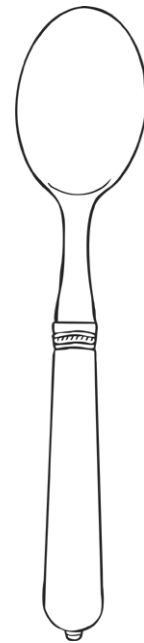
5. Estimate the capacity of these containers.



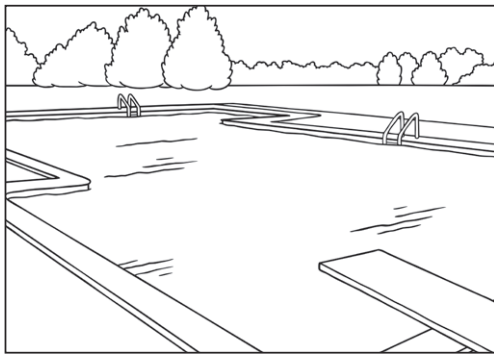
a)



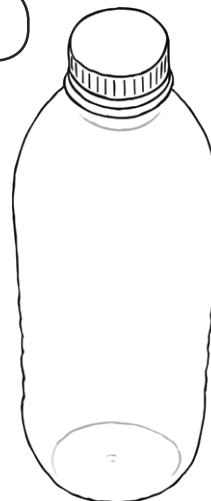
b)



e)



c)

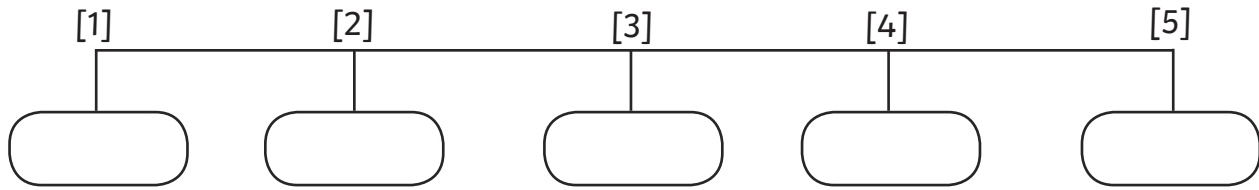


d)

5 marks

total for this page

6. Now order these objects from smallest capacity [1] to largest capacity [5]



5 marks

7. What is something you are curious to learn about measuring capacity? Take this question as an opportunity to clear up something you're not sure about or throw your teacher an oddball question!

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1 marks

\*\*END OF TEST\*\*

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Question	Answer	Marks
1. Record the amount of water in each jug in litres.		7 Marks
a) 0.004L		1
b) 1.247L		1
c) 3.008L		1
d) 4.605L		1
e) 6.045L		1
f) 8.765L		1
g) 12.180L		1
2. Use the following numbers to fill in the approximate capacity of each object:		4 Marks
a) The water glass holds 250ml		1
b) The bottle cap holds 5ml		1
c) The sink holds 15L		1
d) The bathtub holds 180L		1
3. If you are going shopping and want to buy as close as you can to 2 Litres of each of these drinks, how many should you buy?		4 Marks
a) Juice box- 20		1
b) Iced tea- 10		1
c) Can of soft drink- 40		1
d) Smoothie in bottle- 15		1

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\*\*END OF TEST\*\*

total for this page

4. What is the difference between measuring volume and capacity?			1 Mark
	Volume is the amount of space taken up by an object where as capacity measures how much of a substance the object can hold. The substance could be a liquid, like water, a gas such as helium or air or a solid like cement, rice, flour		1
5. Estimate the capacity of these containers.			5 Marks
a)	Picture of Mug Approximately 300ml		1
b)	Picture of Bucket Approximately 10L		1
c)	Picture of Swimming Pool Approximately 350,000L		1
d)	Picture of Water bottle Approximately 700ml		1
e)	Picture of Spoon Approximately 15ml		1
6. Now order these objects from smallest capacity (1) to largest capacity (5)			5 Marks
[1]	Spoon (e)		1
[2]	Mug (a)		1
[3]	Water bottle (d)		1
[4]	Bucket (b)		1
[5]	Swimming pool (c)		1
7. What is something you are curious to learn more about measuring capacity?			1 Mark
	Answers will vary		1

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\*\*END OF TEST\*\*

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