

Unfortunately, this is the last piece of home learning that is going to be set before the summer break. We have been on a journey around the world, explored different parts of the body, learn a different language and been very creative. For the last week, we are going to explore the transition from Year 3 to Year 4. All of the activities will help you to look forward to September and reflect on this past academic year. The activities will involve looking back at your favourite memories and achievements whilst also considering your hopes and dreams for the next academic year. Good luck Year 3! We have really enjoyed teaching you this year and we will miss you all so much.

Mrs Marks Mr Mills Miss Davenport

## EVERY DAY

Daily Maths lessons - <https://whiterosemaths.com/homelearning/>. Watch the video and then try the questions linked to it. This is 30-40 minutes work. **This week you will be learning about how to add and subtract capacity and exploring pictograms and bar charts.**

Hit the Button – 15-20 - <https://www.topmarks.co.uk/maths-games/hit-the-button> and use Mathletics to support the learning on White Rose- questions will be set linked to these videos.

Read for at least 15 minutes and complete an English task.

## Additional tasks for this week (12/07/20)

### Transition Activities

#### **Monday- Memories**

Starting a new academic year is a time for you to say farewell to current teachers and classmates and hello to many new faces. You need to cherish your favourite memories. Your task is to create a drawing or art piece of that special memory and frame it in a hand-made photo frame. You may choose to draw a favourite lesson, a funny moment with friends, a school trip, your favourite teacher or a job role you were proud of. You may choose to decorate the photo frame provided or to craft your own using card. See the link for some inspiration....

<https://safeyoutube.net/w/DegE>

#### **Tuesday- Achievements**

You are all unique and special. Over the last year, you will have achieved so much. Whether that's learning your times tables, swimming without armbands or having the confidence to put your hand up in class and offer an answer. Remind yourself that an achievement is something that has been accomplished through great effort, skill, perseverance or courage then mind map all of your achievements this year, both in school and outside of school. Look at the mind map together and identify your greatest achievement. Try writing about this special achievement. How did you accomplish this? What barriers did you face? Who helped you? You could record this as a story featuring yourself as the main character, a newspaper report or even write a rap!

#### **Wednesday- Farewell**

Ending the academic year can be a time that is full of mixed emotions for many children. However, whilst many aspects of school life change, many remain the same too. Spend some time discussing all of the similarities and differences between your current class and the new class that you will be going into. For example, your lunchtime may remain the same or you will now get to learn how to play the ukulele. Following this, record the similarities and differences using the table below. A new year is also a great time to make new friends. Can create a poster that illustrates top tips for making friends and showing kindness? You could speak to family members or your own friends to gather some ideas first.

#### **Thursday- Individual Qualities**

Art can be a great tool for self-exploration and self-expression. Create a piece of artwork that represents your personality and highlights your individual qualities. This could be a picture or something more abstract using materials available at home. You may find listening to your favourite music encourages your expression. Once completed, discuss your artwork with your parents. What did you want to represent in this piece? How did you try to show off your personality through your artwork?

#### **Friday- Goal Setting**

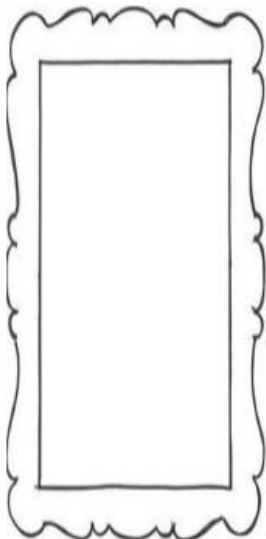

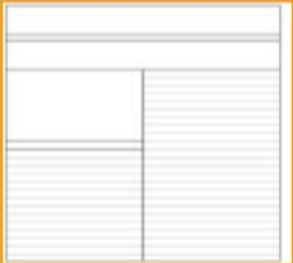


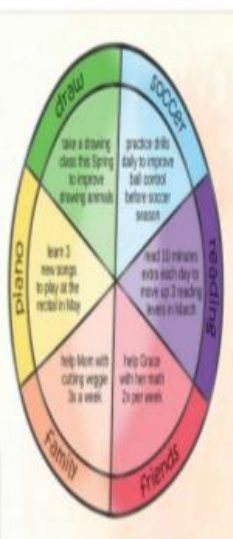
Setting goals is an excellent way for you to try and achieve things that you might not think are possible. Goal setting will also help you to improve your confidence and self-esteem when you see that you can achieve the target you've set. Create a 'Wheel of Fortune' together (see below). Use the headings: Learning, Friendships, Physical Challenge,

Wellbeing and Family. Under each heading, write a goal, thinking carefully about how long it will take to achieve each goal, who or what can help you and any difficulties you may have to overcome.

### Extra learning resources for parents:


- Tips and resources to support transition from Mentally Healthy Schools can be found here.  
<https://www.mentallyhealthyschools.org.uk/risks-and-protective-factors/school-based-risk-factors/transitions/>
- Childline wants to help bring out the best in your child through some easy-to-do activities.  
<https://www.childline.org.uk/info-advice/your-feelings/feelings-emotions/building-confidence-self-esteem/>
- The BBC Bitesize website has lots of helpful videos to support transition for both parents/carers and children.  
<https://www.bbc.co.uk/bitesize/collections/starting-primary-school/1>
- Parentkind provides handy hints to help prepare your child for their new class.  
<https://www.parentkind.org.uk/>
- Continue with the reading bingo. This has been attached again if you missed it from last week.

**These are some examples of different ways that you can present each activity. Feel free to be creative and make up your own ways.**

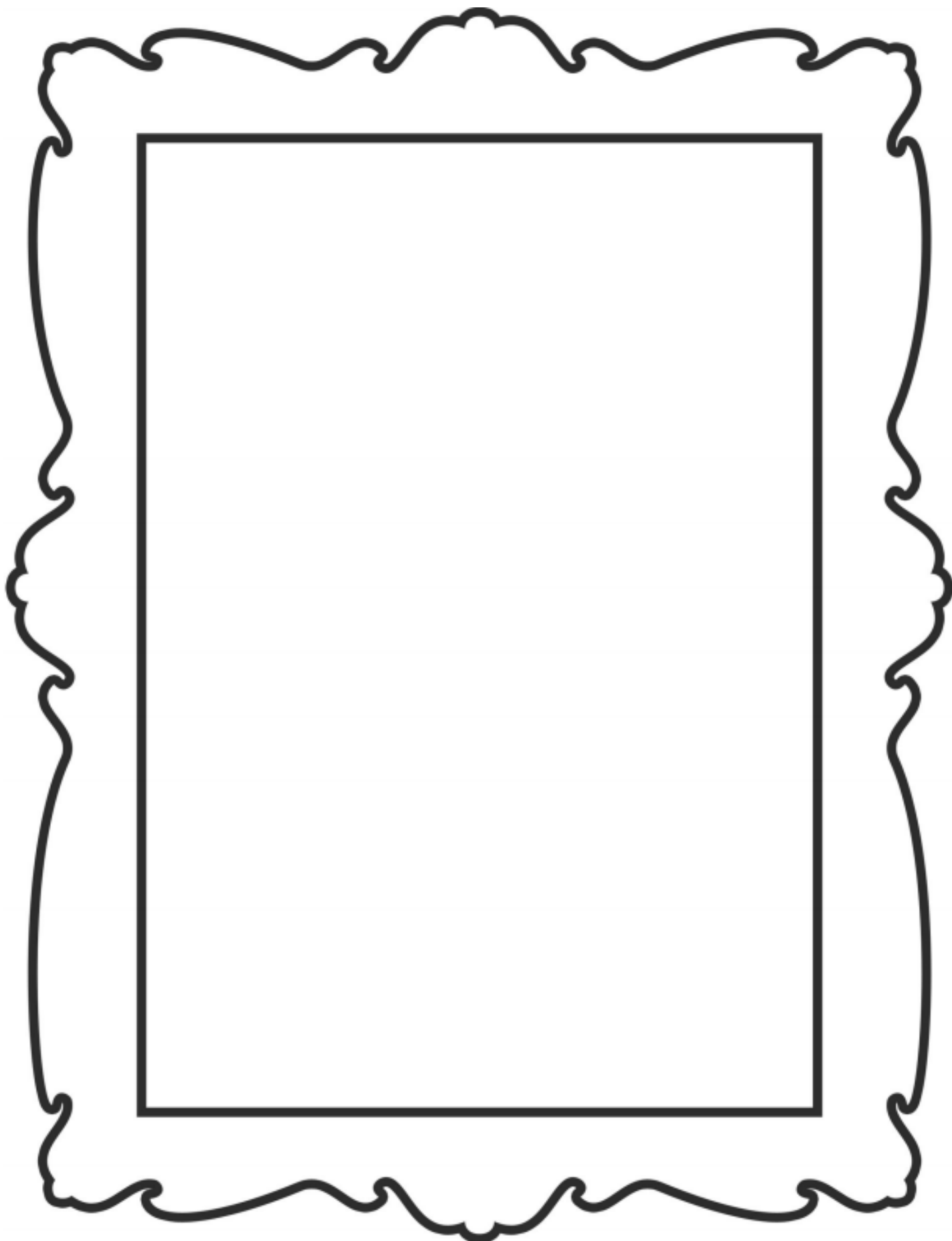
MEMORIES	ACHIEVEMENTS	SAYING FAREWELL	INDIVIDUAL QUALITIES	GOAL SETTING
	 			

# READ AT HOME BINGO











When you complete a task, color in the box! How many times can you get BINGO? Can you complete the card?

read aloud to someone	read a book about animals	read for 15 minutes	read your favorite book	let a parent choose a book
read under the table	read then draw a picture	read in bed	read a silly book	make a fort and read inside
take turns reading a page with someone	read for 10 minutes		read to a pet or stuffed animal	read while enjoying a snack
read with a flashlight	read on a couch or comfy chair	read a fairy tale	read twice in one day	read a book then retell it to someone
read a book then write a review	have someone read to you	read while snuggling	read in the tub (blanket and pillow)	read for 20 minutes

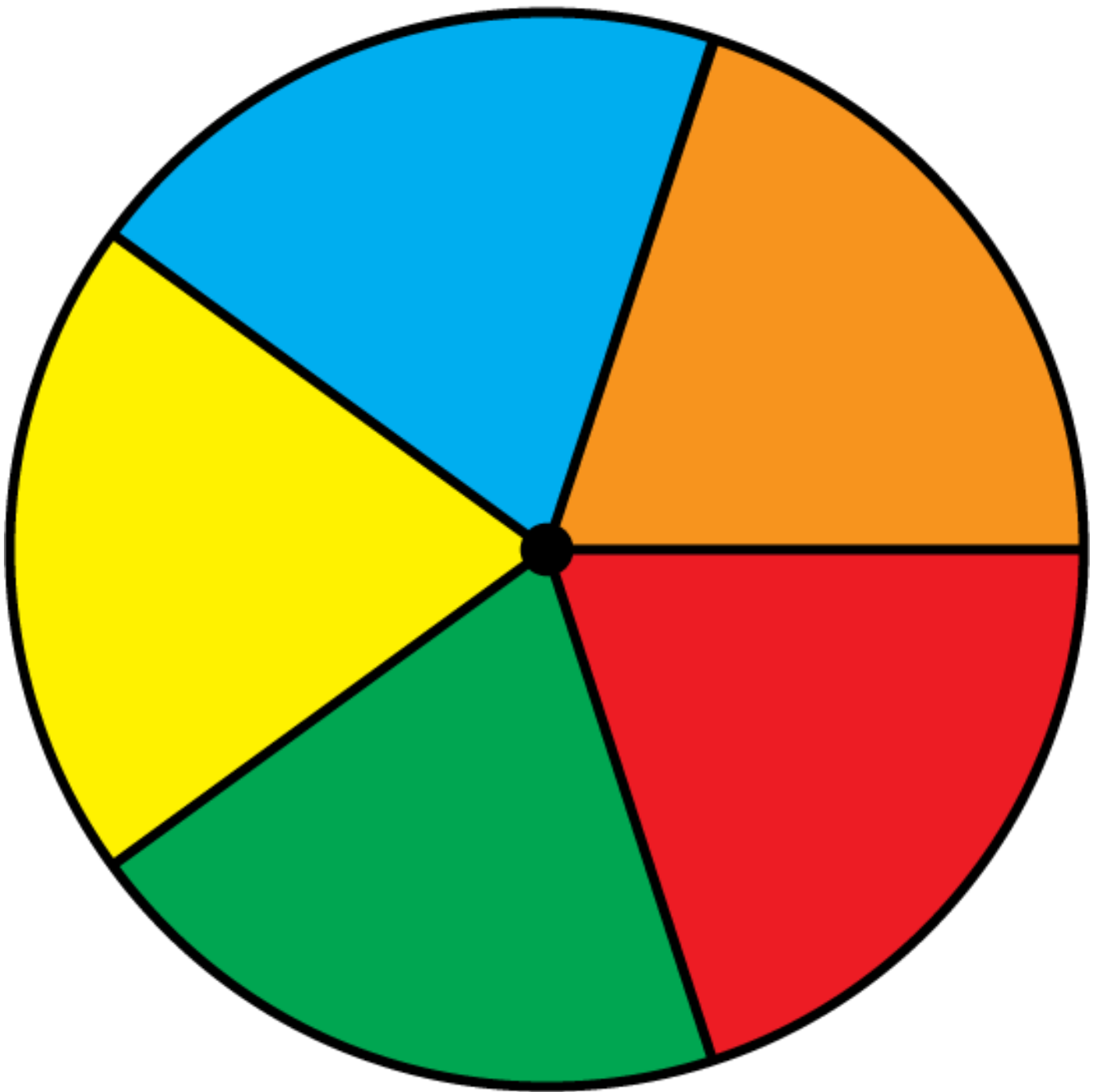
## Memories Photo Frame



Similarities and Differences

Similarities	Differences
	
	
	
	
	

## 'Wheel of Fortune'



# Compare capacity

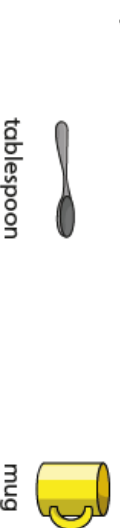
- 1 Put these glasses in order of the amount of water they contain.  
Start with the least amount of water.



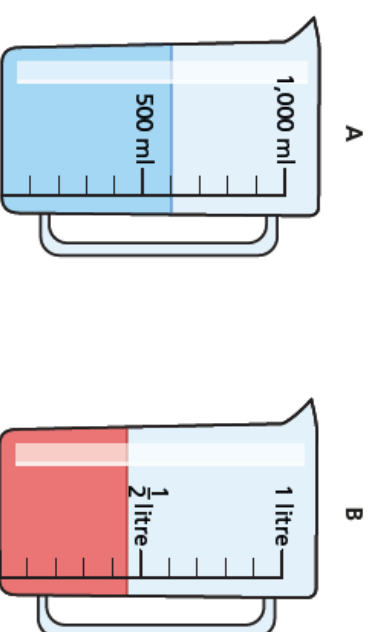
least

most

- 2 In each pair, circle the object that holds the most water.

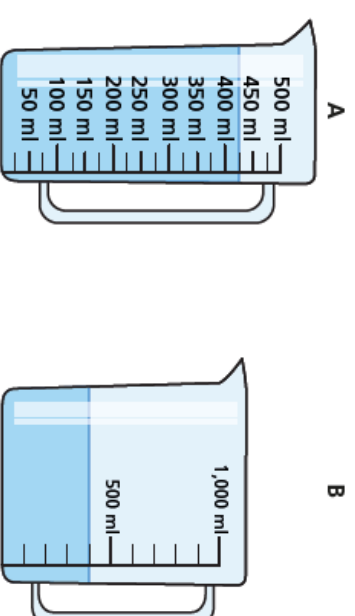


- 3 Here are two jugs.



- a) What is the volume of liquid in jug A?  ml
- b) What is the volume of liquid in jug B?  ml
- c) How do you know that the capacity of each jug is the same?

- 4 Which measuring container has the most liquid?



Container \_\_\_\_\_ has the most liquid.  
Explain your answer.



5

300 ml is greater than 1 litre because 300 is greater than 1



Do you agree with Alex? \_\_\_\_\_

Explain your answer.

6

Here is the capacity of four different containers.

- |        |       |                 |          |
|--------|-------|-----------------|----------|
| A      | B     | C               | D        |
| 400 ml | 99 ml | 3 litres 400 ml | 2 litres |

Put the containers in order of capacity.

Start with the smallest capacity.

least

most

7

Esther is comparing the capacity of different containers.

a) Esther has two bottles of water.

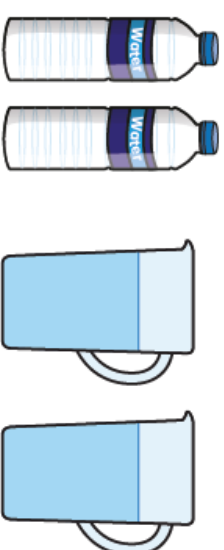
She pours them into some glasses.



Which holds more water – a bottle or a glass? \_\_\_\_\_

b) Esther has two more bottles of water.

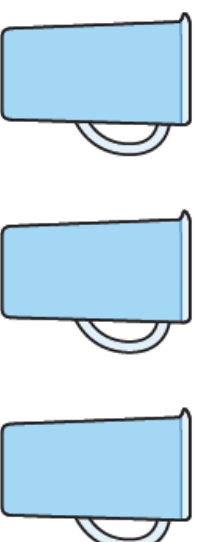
She pours them into two jugs.



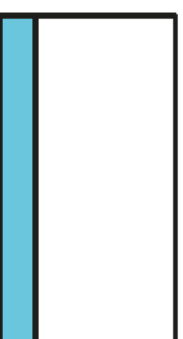
Which holds more water – a jug or a bottle? \_\_\_\_\_

8

Jack has three jugs of water.



He pours one jug of water into a large container.



He then pours the other jugs of water in.

Draw a line on the container to show where the water will reach.

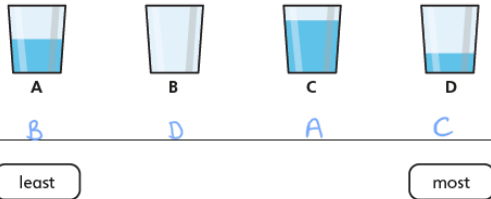


# Lesson 1 Answers

## Compare capacity



- 1 Put these glasses in order of the amount of water they contain.  
Start with the least amount of water.



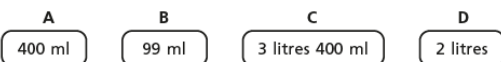
- 2 In each pair, circle the object that holds the most water.



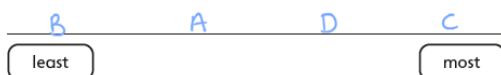
- 5 300 ml is greater than 1 litre because 300 is greater than 1

Do you agree with Alex? No  
Explain your answer.

- 6 Here is the capacity of four different containers.

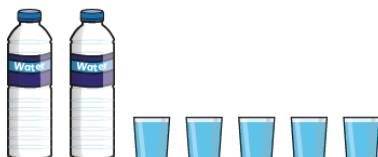


Put the containers in order of capacity.  
Start with the smallest capacity.



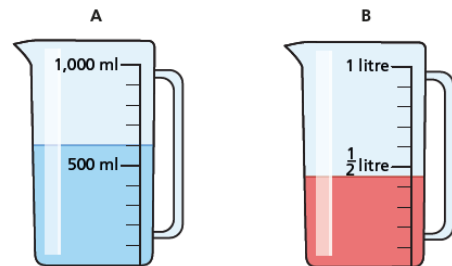
- 7 Esther is comparing the capacity of different containers.

- a) Esther has two bottles of water.  
She pours them into some glasses.



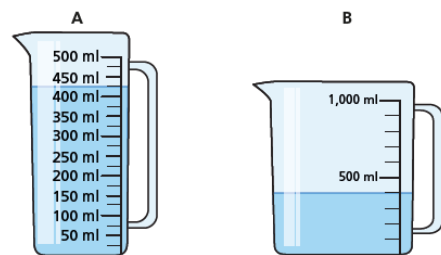
Which holds more water – a bottle or a glass? bottle

- 3 Here are two jugs.



- a) What is the volume of liquid in jug A? 600 ml
- b) What is the volume of liquid in jug B? 450 ml
- c) How do you know that the capacity of each jug is the same?

- 4 Which measuring container has the most liquid?



Container A has the most liquid.  
Explain your answer.

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- b) Esther has two more bottles of water.  
She pours them into two jugs.



Which holds more water – a jug or a bottle? jug

- 8 Jack has three jugs of water.



He pours one jug of water into a large container.



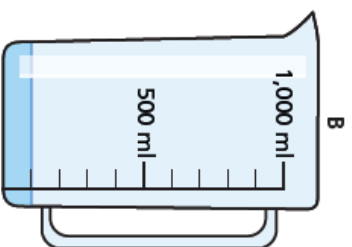
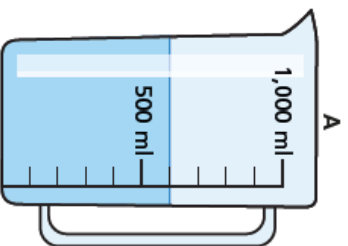
He then pours the other jugs of water in.  
Draw a line on the container to show where the water will reach.

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## Add and subtract capacity

- 1 Brett has some jugs of water.



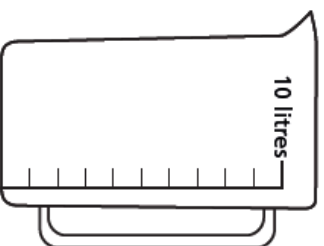
- a) How much water is in jug A?  ml
- b) How much water is in jug B?  ml
- c) Brett pours the water from jugs A and B into jug C.  
What is the total amount of water in jug C?  ml

- 2 Kim has some bottles of juice.



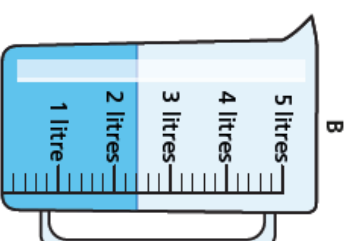
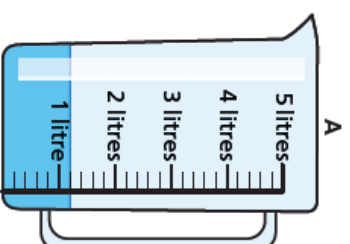
- a) How much juice does she have altogether?  l

- b) She pours all the juice into a jug.



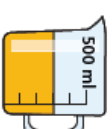
Draw a line on the jug to show how much juice there is.

- 3 Mo has two jugs of water.



How much water does Mo have in total?  
Mo has  litres and  ml

- 4 Dani has 1 litre 500 ml of juice in a bottle.  
She pours some of the juice into a jug.



How much juice is in the bottle now?  l  ml

- 5 A fish tank has 3 litres 700 ml of water in it.  
The capacity of the fish tank is 4 litres 900 ml.  
How much more water can fit in the fish tank?

l  ml

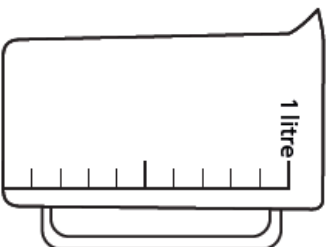
6

A carton holds 200 ml of milk.  
A bottle holds 300 ml of milk.



a) Three milk cartons are emptied into a jug.

Draw a line on the jug to show how much milk there is.



b) How many bottles can be filled by the milk in the jug?

bottles

7

Complete the number sentences.

a)  $1 \mid 400 \text{ ml} + 3 \mid 150 \text{ ml} = \boxed{\phantom{00}} \mid \boxed{\phantom{00}} \text{ ml}$

b)  $7 \mid 950 \text{ ml} + 2 \mid 12 \text{ ml} = \boxed{\phantom{00}} \mid \boxed{\phantom{00}} \text{ ml}$

c)  $25 \mid 350 \text{ ml} - 11 \mid 220 \text{ ml} = \boxed{\phantom{00}} \mid \boxed{\phantom{00}} \text{ ml}$

d)  $50 \mid 729 \text{ ml} - 28 \mid 728 \text{ ml} = \boxed{\phantom{00}} \mid \boxed{\phantom{00}} \text{ ml}$

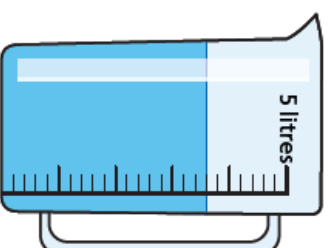
e)  $1 \mid - \boxed{\phantom{00}} \text{ ml} = 300 \text{ ml}$



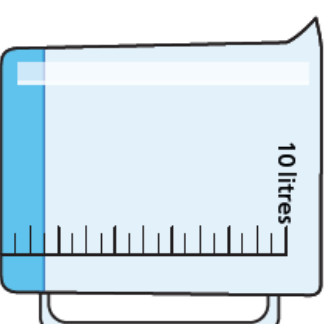
8

Tommy and Rosie each have a measuring jug with some water inside.

Tommy



Rosie



They want to put all their water into one jug.

Rosie decides to pour her water into Tommy's jug.



Tommy

I do not think  
it will fit!



Rosie

Of course it will!

Who is correct? \_\_\_\_\_

Talk about it with a partner.

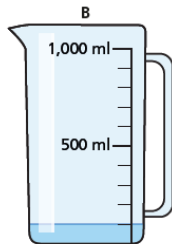
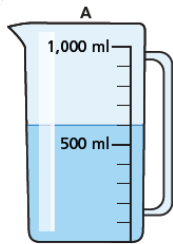


# Lesson 2 Answers

## Add and subtract capacity

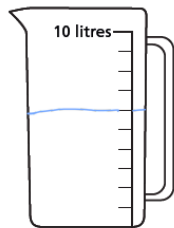


- 1 Brett has some jugs of water.



- a) How much water is in jug A? 600 ml  
 b) How much water is in jug B? 100 ml  
 c) Brett pours the water from jugs A and B into jug C.  
 What is the total amount of water in jug C? 700 ml

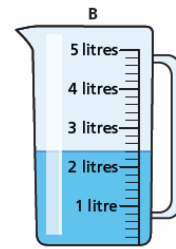
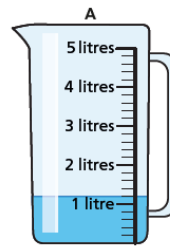
- 2 Kim has some bottles of juice.



- a) How much juice does she have altogether? 6 l  
 b) She pours all the juice into a jug.  
 Draw a line on the jug to show how much juice there is.



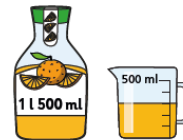
- 3 Mo has two jugs of water.



How much water does Mo have in total?

Mo has 3 litres and 600 ml

- 4 Dani has 1 litre 500 ml of juice in a bottle.  
 She pours some of the juice into a jug.



How much juice is in the bottle now? 1 l 200 ml

- 5 A fish tank has 3 litres 700 ml of water in it.  
 The capacity of the fish tank is 4 litres 900 ml.  
 How much more water can fit in the fish tank?

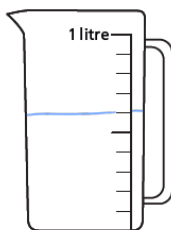
1 l 200 ml

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- 6 A carton holds 200 ml of milk.  
 A bottle holds 300 ml of milk.



- a) Three milk cartons are emptied into a jug.  
 Draw a line on the jug to show how much milk there is.



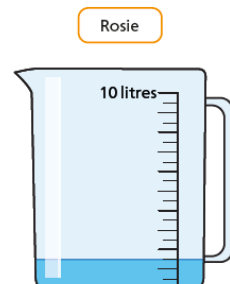
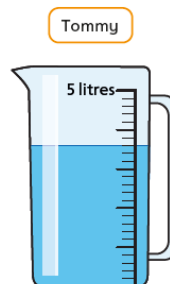
- b) How many bottles can be filled by the milk in the jug? 2 bottles

- 7 Complete the number sentences.

- a) 1 l 400 ml + 3 l 150 ml = 4 l 550 ml  
 b) 7 l 950 ml + 2 l 12 ml = 9 l 962 ml  
 c) 25 l 350 ml - 11 l 220 ml = 14 l 130 ml  
 d) 50 l 729 ml - 28 l 728 ml = 22 l 1 ml  
 e) 1 l - 700 ml = 300 ml



- 8 Tommy and Rosie each have a measuring jug with some water inside.



They want to put all their water into one jug.  
 Rosie decides to pour her water into Tommy's jug.



I do not think it will fit!

Tommy

Of course it will!



Rosie

Who is correct? Tommy

Talk about it with a partner.



































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Pictograms

1 The pictogram shows the number of ice creams sold each day.

Day	Number of ice creams sold
Monday	  
Tuesday	 
Wednesday	     
Thursday	 
Friday	   
Saturday	         
Sunday	    





















Key  = 5 ice creams

- a) On which day were the most ice creams sold?  
\_\_\_\_\_
- b) On which two days were 20 ice creams sold?  
\_\_\_\_\_
- c) How many ice creams were sold on Thursday?
- d) How many more ice creams were sold on Friday than Thursday?

e) More ice creams were sold in total on Saturday and Sunday than during the rest of the week.

Do you agree? \_\_\_\_\_  
Show your workings.

2 The pictogram shows the colour of cars parked in a car park.

Colour	Number of cars in car park
Red	    
Blue	     
White	      
Yellow	 

Key  = 2 cars

- a) How many parked cars are red?
- b) How many parked cars are blue?
- c) How many cars are parked in total?
- d) Write a question about the pictogram.  
\_\_\_\_\_  
\_\_\_\_\_
- Can a partner answer your question? \_\_\_\_\_




3

Class 3 are asked how many pets they have.  
Here are the results.

Children with 0 pets	8
Children with 1 pet	14
Children with 2 pets	9
Children with 3 or more pets	2

a) Eva starts a pictogram to show the results.  
Complete the pictogram and the key.

Key  =  pets

Pets	
0 pets	
1 pet	
2 pets	
3 or more pets	

b) How did you know what value to choose for the key?



4

Amir wants to use a pictogram to represent this data.

	Minutes spent on the bus
Monday	60
Tuesday	20
Wednesday	50
Thursday	50
Friday	80

a) What symbol could Amir use? Draw a key to show what each symbol represents.

b) Draw the pictogram for Amir.

Monday	Tuesday	Wednesday	Thursday	Friday

c) Compare pictograms with a partner.

What is the same and what is different?






































# Lesson 3 Answers

## Pictograms



- 1 The pictogram shows the number of ice creams sold each day.

Day	Number of ice creams sold
Monday	   
Tuesday	 
Wednesday	     
Thursday	 
Friday	   
Saturday	         
Sunday	     

Key  = 5 ice creams

- a) On which day were the most ice creams sold?

Saturday

- b) On which two days were 20 ice creams sold?

Monday & Friday

- c) How many ice creams were sold on Thursday?

10

- d) How many more ice creams were sold on Friday than Thursday?




















10

- e) More ice creams were sold in total on Saturday and Sunday than during the rest of the week.

Do you agree? No

Show your workings.

- 2 The pictogram shows the colour of cars parked in a car park.

Colour	Number of cars in car park
Red	    
Blue	    
White	      
Yellow	 

Key  = 2 cars

- a) How many parked cars are red?

10

- b) How many parked cars are blue?

9

- c) How many cars are parked in total?

36

- d) Write a question about the pictogram.

Various answers

Can a partner answer your question?





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- 3 Class 3 are asked how many pets they have. Here are the results.

Children with 0 pets	8
Children with 1 pet	14
Children with 2 pets	9
Children with 3 or more pets	2

- a) Eva starts a pictogram to show the results. Complete the pictogram and the key.

Key  = 2 pets

Pets	
0 pets	   
1 pet	     
2 pets	   
3 or more pets	

- b) How did you know what value to choose for the key?

- 4 Amir wants to use a pictogram to represent this data.





















	Minutes spent on the bus
Monday	60
Tuesday	20
Wednesday	50
Thursday	50
Friday	80

- a) What symbol could Amir use? Draw a key to show what each symbol represents.

Various answers e.g

O = 10 minutes

- b) Draw the pictogram for Amir.

    	 	   	   	    
Monday	Tuesday	Wednesday	Thursday	Friday

- c) Compare pictograms with a partner.

What is the same and what is different?

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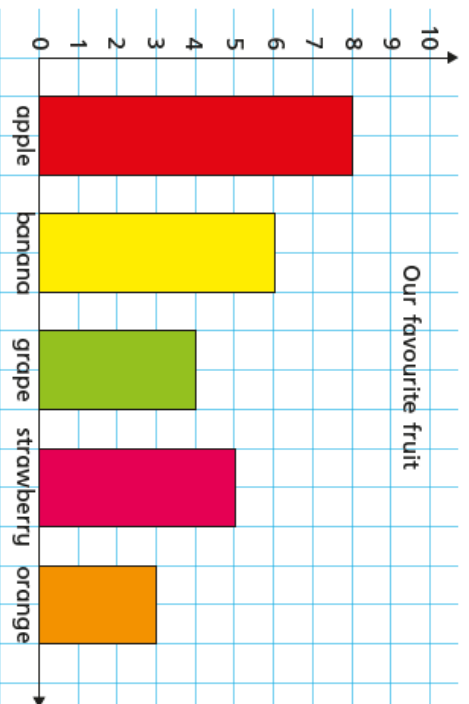


## Bar charts



1

All the children in Class 3 choose their favourite fruit.  
The bar chart shows the results.



Use the bar chart to answer the questions.

a) What is the most popular fruit?

\_\_\_\_\_

b) How can you tell just by looking?

\_\_\_\_\_

c) What is the least popular fruit?

\_\_\_\_\_

d) How many more children like apples best than like grapes best?

e) How many children are there in Class 3?

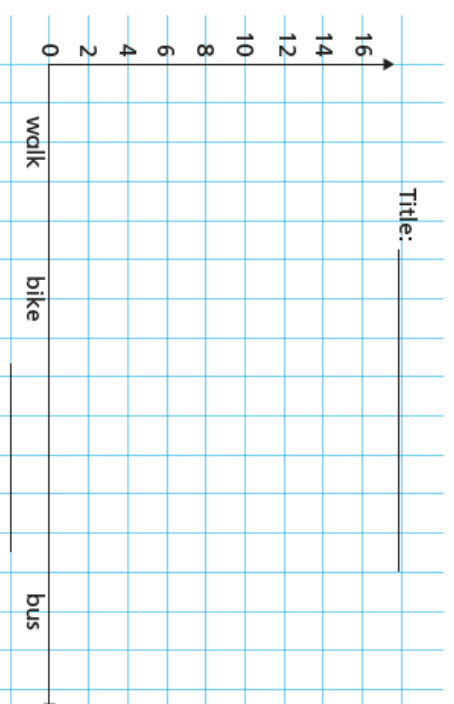
2

Some children are asked how they get to school.  
The tally chart shows the results.

Method	Tally	Total
Walk		
Bike		
Car		
Bus		

a) Complete the chart.

b) Draw a bar chart to represent the data.



c) Which chart do you prefer? Tick your answer.


































tally chart ☐

bar chart ☐

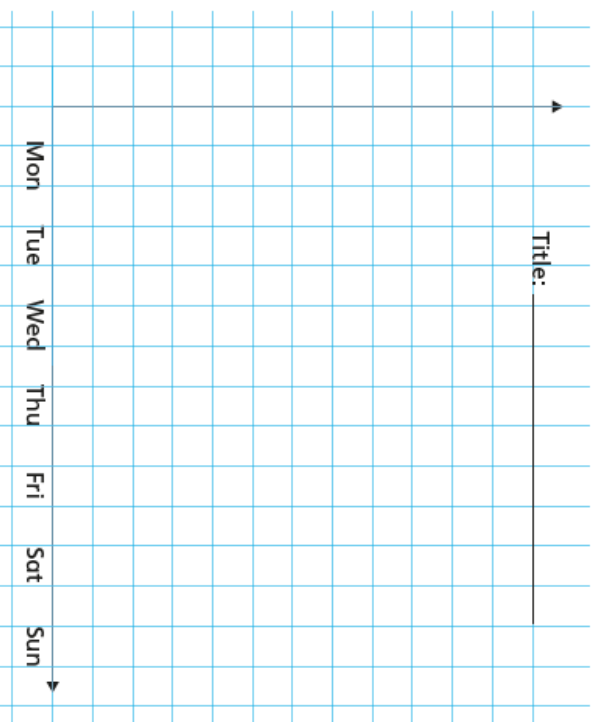
What are your reasons?



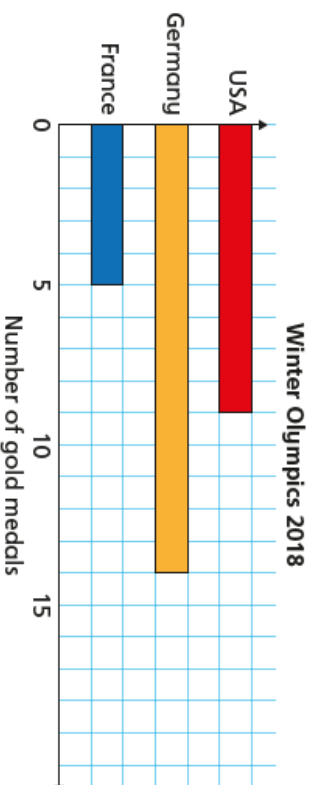
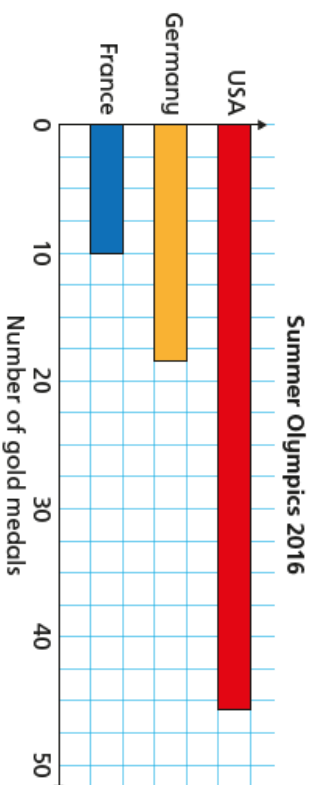
3 The pictogram shows the number of ice creams sold each day.

Day	Number of ice creams sold	Key  = 5 ice creams
Monday	   	
Tuesday	 	
Wednesday	     	
Thursday	 	
Friday	   	
Saturday	       	
Sunday	     	


Draw a bar chart to represent this data.



4 The bar charts show the number of gold medals won by some countries in the Summer and Winter Olympics.



a) Germany won more medals at the Winter Olympics than the Summer Olympics as the bar is longer.



Is Mo correct? \_\_\_\_\_

How do you know?

b) Which country won the most medals in total?

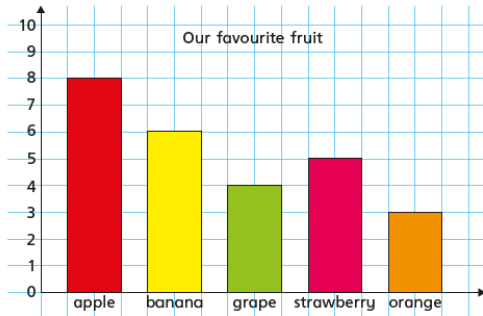
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# Lesson 4 Answers

## Bar charts



- 1 All the children in Class 3 choose their favourite fruit.  
The bar chart shows the results.



Use the bar chart to answer the questions.

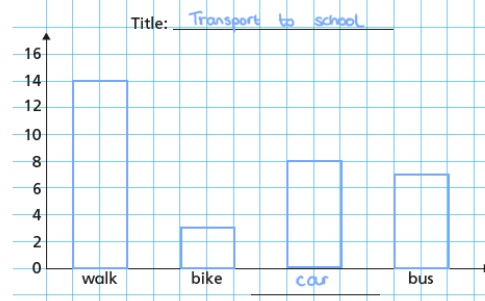
- a) What is the most popular fruit? apple
- b) How can you tell just by looking?  
It's got the tallest bar.
- c) What is the least popular fruit? orange
- d) How many more children like apples best than like grapes best? 4
- e) How many children are there in Class 3? 26

- 2 Some children are asked how they get to school.

The tally chart shows the results.

Method	Tally	Total
Walk		14
Bike		3
Car		8
Bus		7

- a) Complete the chart.
- b) Draw a bar chart to represent the data.



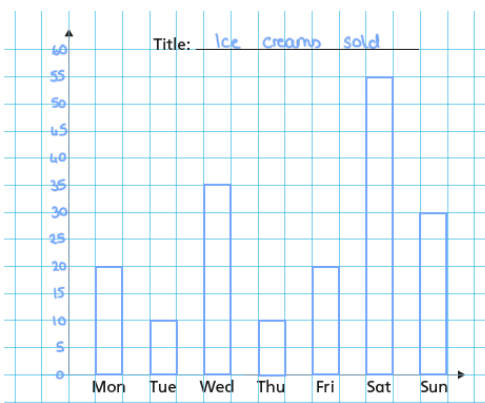
- c) Which chart do you prefer? Tick your answer.  
tally chart ☐ bar chart ☐ various answers.
- What are your reasons?

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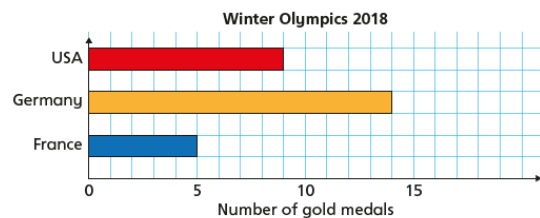
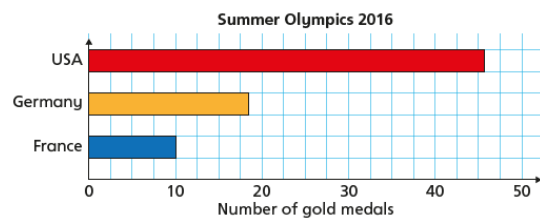
- 3 The pictogram shows the number of ice creams sold each day.

Day	Number of ice creams sold	Key  = 5 ice creams
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		
Saturday		
Sunday		

Draw a bar chart to represent this data.



- 4 The bar charts show the number of gold medals won by some countries in the Summer and Winter Olympics.



- a) Germany won more medals at the Winter Olympics than the Summer Olympics as the bar is longer.
- Is Mo correct? No
- How do you know?
- b) Which country won the most medals in total? USA

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