

Home Learning - Year 2 Summer Term Week 3

We have set out each week's learning as a series of suggested daily activities. However, the time may look very different for each family. Building in time to look after each other, be physical, creative and relax is as important as completing the set activities. You need to decide what works for you and your family. You could do more of the activities on one day and fewer on another, or you may find it helpful to have a more structured approach. It may help to give clear times for doing activities and clear times for breaks.

	Monday	Tuesday	Wednesday	Thursday	Friday
Maths	<p><u>Part-whole relationships and fact families</u> https://whitosemaths.com/homelearning/year-2/ After watching the video, complete the learning below. Answers can simply be recorded in your home learning book if you are not able to print.</p>	<p><u>Compare number sentences</u> https://whitosemaths.com/homelearning/year-2/ After watching the video, complete the learning below. Answers can simply be recorded in your home learning book if you are not able to print.</p>	<p><u>Related Facts</u> https://whitosemaths.com/homelearning/year-2/ After watching the video, complete the learning below. Answers can simply be recorded in your home learning book if you are not able to print.</p>	<p><u>Add and subtract 1s</u> https://whitosemaths.com/homelearning/year-2/ After watching the video, complete the learning below. Answers can simply be recorded in your home learning book if you are not able to print.</p>	<p><u>Friday Maths Challenge</u> https://whitosemaths.com/homelearning/year-2/</p>
<p>If you feel that your child needs additional challenge or support in maths, then please feel free to look at the planning for the years below or above.</p>					
X tables	<p style="text-align: center;">Remember: 2x, 5x, 10x - Bronze 3x, 4x, 8x - Silver 6x, 7x, 9x, 11x, 12x - Gold</p> <p>https://trockstars.com/page/covid19support Sign in to 'times tables rock stars'</p>				
<p>Below you will find a maths 'Problem of the Day' for each day of the week.</p>					
Readin	<p>Make sure you have some quiet time for daily reading of your own book. You could read one of the lovely 'treetop' chapter books – you will need to sign up for free</p> <p>Listen to story time on the school website: https://www.ccht.rbkc.sch.uk/learning-at-home/story-time/</p>				
Writing	<p>We are going to write an information text about a superhero this week. Design and draw your own superhero. e.g. a super pet, a super learner, a super parent, an invisible child, a flying doctor, an invincible teacher, a teleporting fireman, etc. Things to consider: What are they called? What do they look like? What do they wear? What are their powers? Write captions describing special features. See plan example below.</p>	<p>Write your introduction and first subheading today. Consider the questions below when you're writing. Introduction: What is your superhero called? What will the reader learn about them in this information text? What do they look like? What do they wear? What is special about their outfit? What special features does their outfit have? See example text below</p>	<p>Write your second subheading today. Consider the questions below when you're writing. What super powers do they have? What is their special super power? How do their superpowers work? What do they use their superpowers for? Why do they use their powers? Who do they help? See example text below.</p>	<p>Write your third subheading today. Consider the questions below when you're writing. How did they become a superhero? How did they become a superhero? How old were they when they discovered their powers? How did they get their powers? Do they have any enemies? Do they have any other superhero friends? See example text below.</p>	<p>Spellings</p> <p>Test Day! See words below ☺</p>
Topic	<p style="text-align: center;">Geography</p> <p>Use the worksheet below to look at rivers in the UK and to practise using compass directions (north, south, east and west). You could also play 'Compass Moves'. Choose four places in a room/garden to represent the 4 compass points (label them N/S/E/W). Players stand in the centre of the 4 points and wait for the 'caller' to say a way of moving and a compass point. E.g. skip to the South, hop to the East, bunnyjump to the West or walk backwards to the North. The first player to arrive at the compass point gets 1 point. Try this game</p>	<p style="text-align: center;">Science</p> <p>Earlier this year, you found out about why it is important to keep ourselves clean. Watch this. You could also try the experiment out at home if you wanted to. Explain to a friend or family member why it is so important to wash our hands with soap and not just water.</p>	<p style="text-align: center;">DT – Cooking Challenge</p> <p>We want you to help with cooking and baking this week, in any way you can. Choose 1 (or more!) of the ideas below and improve your cooking skills this week.</p>	<p style="text-align: center;">RE</p> <p>Your class virtue is Peace. As in the story of the 'Calming of the Storm', Christians believe that God brings peace through the storms of life. Can you think of a place or a time where you find peace or is there a person who makes you feel peaceful? Write (or type) and illustrate a poem about Peace and what it means to you. Do not forget to share your poem with your class teacher.</p>	<p style="text-align: center;">Science</p> <p>Create a list of instructions with clear diagrams to follow to make sure all your friends and family wash their hands properly. Try to include imperative verbs (e.g. wash, put, scrub, rinse) and to write your steps in order.</p>
<p>Choose one of the challenges to do with your family! Remember to take photographs and videos to share with your class teacher! Click on the link 'Everything is Interesting' on the website'</p>					

Problems of the Day 2020

Day 11

1 Use $<$, $>$ or $=$ to make these number sentences correct.

5×7 ○ 40

6×2 ○ 7×2

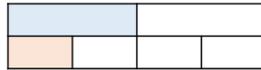
$10 \div 2$ ○ $12 \div 2$

2 There are 50 children in a school. 15 of the children are girls. How many more boys than girls are in the school?

3 Mr Patel writes a number on the board.

- Lee finds $\frac{1}{2}$ of the number.
- Kim finds $\frac{1}{4}$ of the number.
- Lee's answer is 5 more than Kim's.

What is the number Mr Patel started with? This bar model may help you.

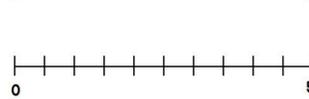
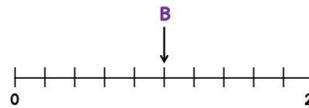
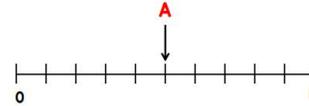


White Rose Maths

Problems of the Day 2020

Day 12

1 Given that $A + B = C$
Draw an arrow pointing to C



2 Amir has a box of 50 counters. 12 of the counters are red. 17 of the counters are blue. The rest of the counters are yellow. Which coloured counter are there more of?



How many stickers did Lisa share out?

White Rose Maths

Problems of the Day 2020

Day 13

1 Sam has £50
He buys this cap and jumper with his money.



How much money does he have left?

2 One half of a number is 6
What is double the number?



Mo gives Alex some stickers. They now have the same number of stickers.

How many stickers does Mo give Alex?

White Rose Maths

Problems of the Day 2020

Day 14

1 Which of these are equal to 15?

$10 + 5$ $5 + 5 + 5$

$20 - 5$ $1 + 5$

2 A rope measures 30 metres.



The rope is cut into 10 equal sized pieces.
What is the total length of 5 of these pieces?

3 Danny has two boxes of sweets.



He puts the sweets into smaller bags.

There are 5 in each bag.



How many bags can Danny fill using all the sweets?

White Rose Maths

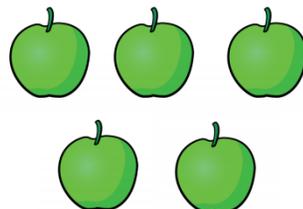
Problems of the Day 2020

Day 15

1 In a box

- $\frac{1}{4}$ of the apples are green.
- The rest are red.
- There are 5 green apples.

How many apples are red?



2 Amir has 10 cartons of juice.



Each carton holds 2 litres of juice.

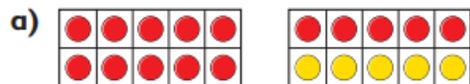
How much juice is in 7 cartons?

White Rose Maths

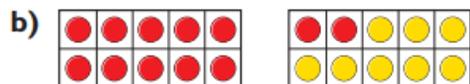
Fact families – addition and subtraction bonds to 20



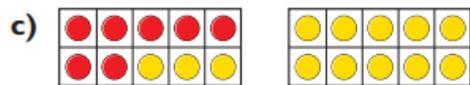
- 1** What calculations are represented?
The first one has been done for you.



$$15 + 5 = 20$$



$$\square + \square = \square$$



$$\square + \square = \square$$

- d) How many other number bonds to 20 can you make using counters and ten frames?



- 2** Complete the fact family.

a) $15 + 2 = 17$

$17 = 15 + 2$

$2 + 15 = \square$

$\square = \square + \square$

$17 - 15 = \square$

$\square = \square - \square$

$\square - \square = \square$

$\square = \square - \square$

- b)

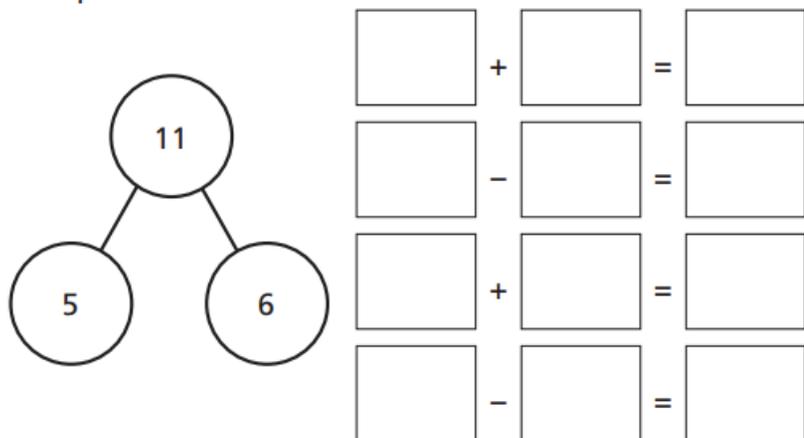


$2 - 17 = 15$ should be in the fact family.

Explain why Rosie is wrong.



- 3 Complete the number sentences for the part-whole model.



Are there any other number sentences in this fact family?

Talk about it with a partner.



- 4 There are 9 boys and 8 girls in a class. Complete the bar model to represent this.



Write the fact family for the bar model.

- 5 Circle any incorrect calculations.

$3 + 7 = 10$

$10 = 3 + 7$

$7 + 3 = 10$

$10 = 7 + 3$

$10 - 7 = 3$

$7 - 3 = 10$

$3 - 10 = 7$

$7 = 10 - 3$

Explain the mistake that has been made.



- 6 Here are some number cards.



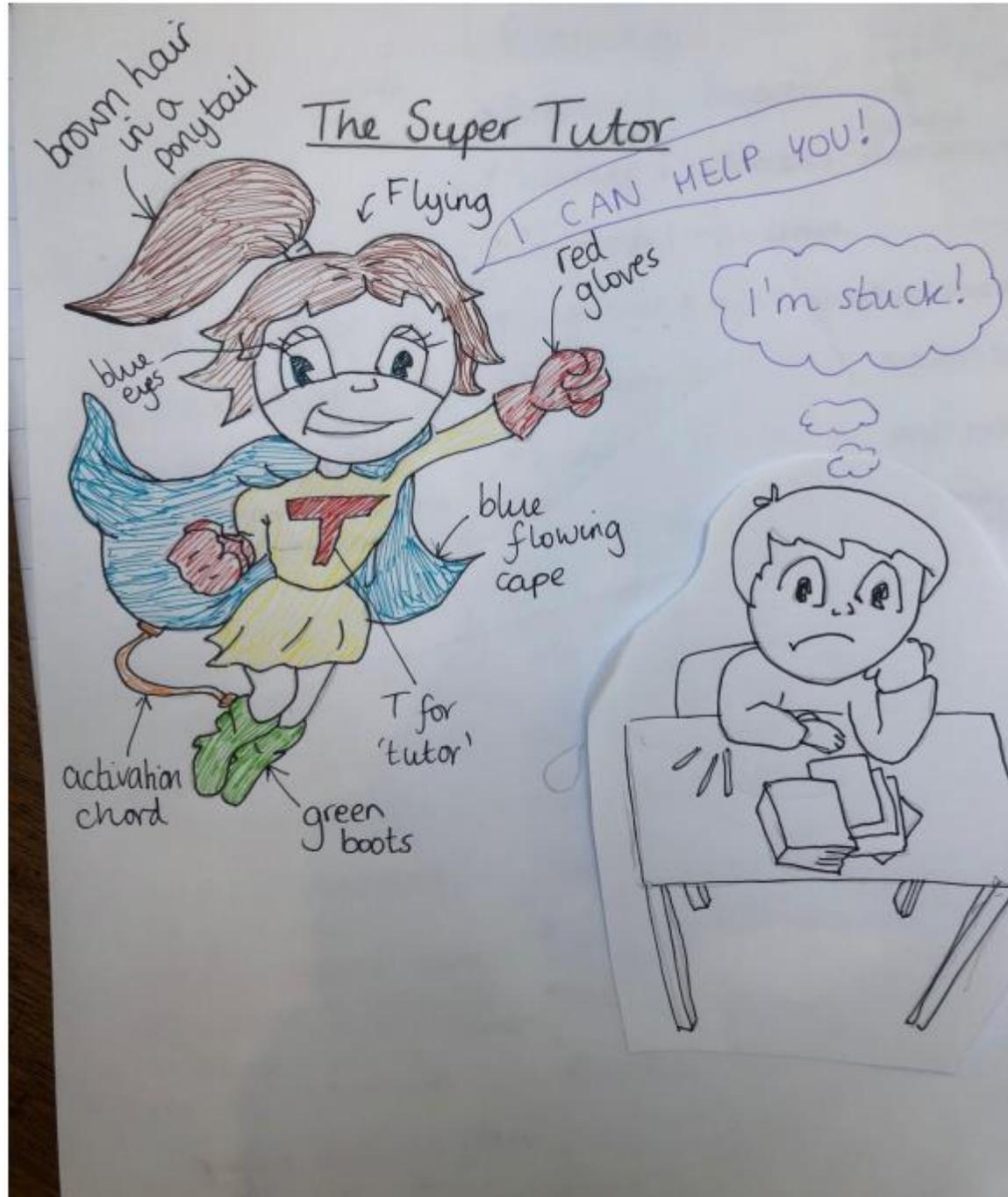
Choose two number cards and find their total.

$[] + [] = []$

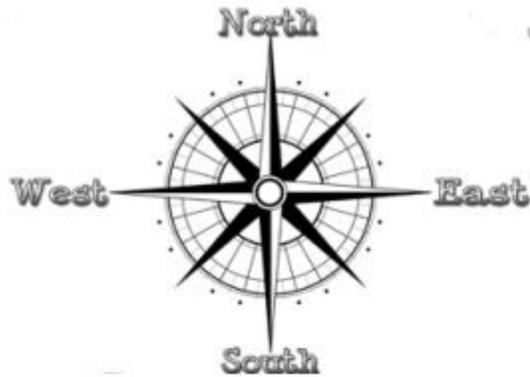
Write the fact family for this calculation.

Compare answers with a partner.





Geography



Use the compass points to help you identify which direction these UK rivers are in comparison to one another.

Example: The River Thames is south of the River Great Ouse.



1. The River Severn is _____ of the River Great Ouse.
2. The River Exe is _____ of the River Tamar.
3. The River Tweed is _____ of the River Tyne.
4. The River Trent is _____ of the River Ouse.
5. The River Wye is _____ of the River Exe.
6. The River Tyne is _____ of the River Tweed.

Challenge: Can you write some of your own statements and test someone in your household?

Compare number sentences

- 1 Mo has 4 blue sweets and 3 pink sweets.



Rosie has 4 blue sweets and 5 pink sweets.

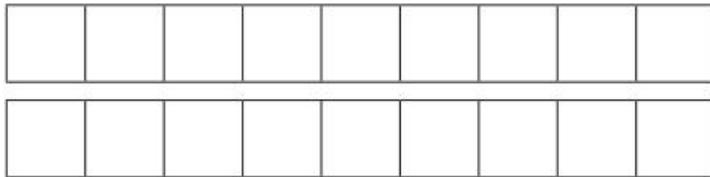


Who has more sweets? _____

Explain how you know.



- 2 Colour the bar models to show that $3 + 6 = 8 + 1$

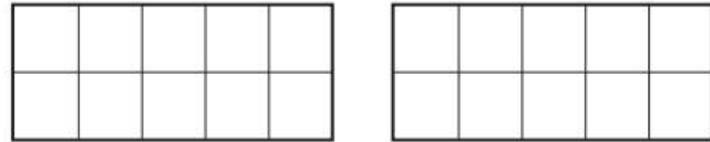


Write one more calculation that gives the same answer.

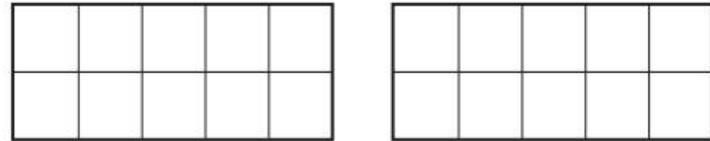
Compare answers with a partner.



- 3 Draw counters to show $9 + 3$



Draw counters to show $9 + 4$



Write $<$, $>$ or $=$ to make the statement correct.

$$9 + 3 \bigcirc 9 + 4$$

- 4 Write $<$, $>$ or $=$ to make the statements correct.

a) $3 + 5 \bigcirc 3 + 9$

b) $7 + 2 \bigcirc 4 + 2$

c) $10 + 5 \bigcirc 9 + 6$



- 5 Cross out counters to show $9 - 3$



Cross out counters to show $9 - 4$



Write $<$, $>$ or $=$ to make the statement correct.

$$9 - 3 \bigcirc 9 - 4$$

- 6 Write $<$, $>$ or $=$ to make the statements correct.

a) $20 - 5 \bigcirc 20 - 6$

b) $17 - 4 \bigcirc 13 - 4$

c) $11 - 3 \bigcirc 12 - 4$

- 7 Complete the additions.

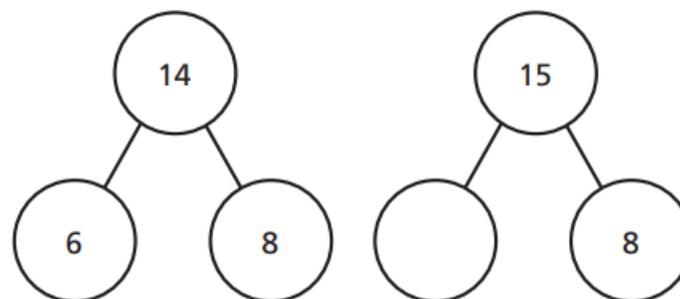
a) $4 + 1 = 3 + \square$

b) $14 + 1 = 13 + \square$

c) $9 + 11 = \square + 10$

d) $10 + 9 = \square + 8 = 12 + \square$

- 8



Teddy knows what the missing number is without calculating.

Explain how Teddy knows this.

What is the missing number?

The Super Tutor

Introduction

Have you ever heard about the Super Tutor? The Super Tutor is an extraordinary modern-day superhero. Read on to find out about what she looks like, what her superpowers are and how she became a superhero. How impressed you will be!

What do they look like?

The Super Tutor has long brown hair that she always ties up in a ponytail and eyes that are as blue as the ocean. She wears bright red gloves and a long flowing blue cape. On her top you will see a capital T, which stands for Tutor. The Super Tutor never goes on her superhero missions without her cape and special green boots because they help her fly. They work by pulling an activation chord that allows her to zoom through space to help people who need it.

What superpowers do they have?

The Super Tutor's superpowers include flying and having a bulging brain full of knowledge to share with friends. How can she fly? Well, she designed her own beautiful blue cape which can transport her to anyone needing help with their learning. When she puts the cape on and clicks her heels together and pulls the activation chord then whoosh, she can fly. To share her braininess with people she simply closes her eyes tight and the knowledge floats from her brain into her student's brain. How astonishing!

How did they become a superhero?

When she was 7 years old, the Super Tutor was forced to stay indoors by a nightmare superpower that roamed the lands, called Coronamare. She didn't let Coronamare stop her from learning. The Super Tutor worked night and day to learn as possible until her brain became full to the brim of facts and knowledge. There was no question she could not answer. From that day onwards, she could fly to help others with their learning. With the help of her friends, the Super Learners, the Flying Doctors, the Neverending Shelfstackers and Patient Parents all the children could learn and the evil superpower Coronamare was defeated.

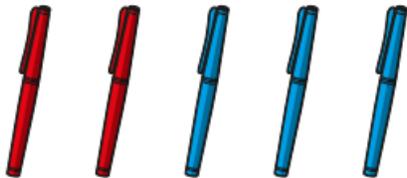
Related facts

- 1 Use base 10 to show that $3 + 5 = 8$ and $30 + 50 = 80$

Draw your answer.

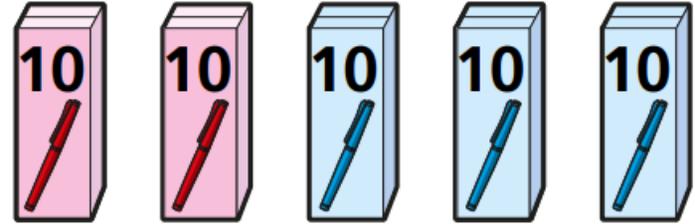
What is the same about your models?
What is different?

- 2 a) Eva has 2 red pens and 3 blue pens.



How many pens does Eva have?

- b) Tommy has 20 red pens and 30 blue pens.



How many pens does Tommy have?

- 3 Fill in the missing numbers in the related facts.

a) $1 + 2 = 3$

$10 + 20 =$

b) $7 + 2 = 9$

$70 + 20 =$

c) $4 + 6 =$

+ 60 = 100

d) $1 + 8 = \square$

$\square + 10 = 90$

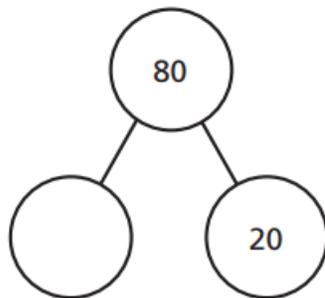
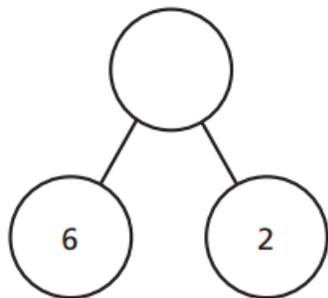
e) $3 + 4 = \square$

$\square + \square = 70$

f) $8 + \square = 8$

$\square + 80 = 80$

4 Complete the part-whole models.



5 Fill in the missing numbers in the related facts.

a) $5 - 3 = 2$

$50 - 30 = \square$

b) $7 - 1 = 6$

$70 - 10 = \square$

c) $10 - 6 = \square$

$\square - 60 = 40$

6



If $3 + 1 = 4$,
then $30 + 10 = 400$ because
there are two zeros.

Do you agree with Dexter? _____

Explain your answer.

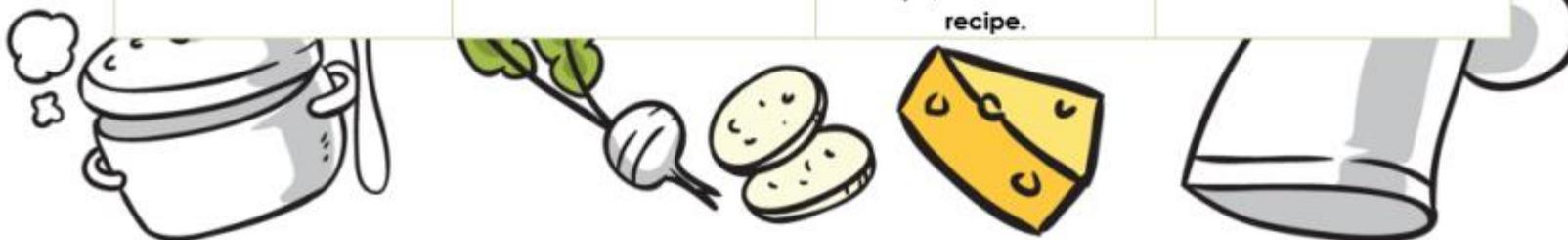




DT Cooking Challenge

Choose 1 or more of these challenges and get cooking!

Get your breakfast (and lunch) ready by yourself every day this week.	Make a recipe that is someone in your family's favourite treat/snack/meal.	Make a meal with foods that all start with the same letter.	Try to create a snack based on a book, a film or a song.
Create a new smoothie flavour.	Find a recipe from another country and culture that you would like to try.	Make a fruit salad.	Learn how to cook a vegetable in 2 different ways.
Peel the vegetables for dinner every day.	Plan a whole balanced meal for your family. Or even plan <u>3 days worth</u> of meals.	Cook/bake something in a muffin tin.	Get breakfast/lunch ready for your whole family.
Make your own ice lollies.	Prepare a meal/sandwich with as many different colours as possible.	Ask a friend / family member for their favourite (and maybe secret) recipe, then follow the recipe.	Cook a pasta meal.



Add and subtract 1s

- 1 a) Jack has 6 cookies.



Annie gives him one more cookie.
How many cookies does he have now?

Jack has cookies now.

- b) Amir has 4 cookies.



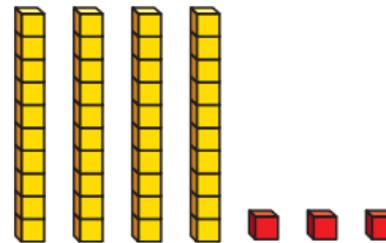
He eats one of his cookies.
How many cookies does he have now?

Amir has cookies now.

- 2 Complete the number tracks.



- 3 a) Filip has made a number using base 10



What number has Filip made?

- b) Rosie also makes a number using base 10
Rosie's number is one more than Filip's number.

What is Rosie's number?



c) Ron's number is 2 more than Filip's number.

What is Ron's number?

d) Dora's number is 1 less than Filip's number.

What is Dora's number?

4 Complete the calculations.

a) $14 + 1 =$

e) $19 - 1 =$

b) $22 + 1 =$

f) $33 +$ $= 34$

c) $54 + 1 =$

g) $18 = 19 -$

d) $= 1 + 61$

h) $= 89 - 1$

5 Complete the calculations.

a) $14 + 2 =$

e) $19 - 2 =$

b) $22 + 3 =$

f) $33 +$ $= 35$

c) $54 + 4 =$

g) $12 = 19 -$

d) $= 5 + 61$

h) $= 89 - 3$

6 Are the number sentences true or false?

a) $17 + 1 = 1 + 17$ _____

b) $17 - 1 = 1 - 17$ _____

Talk about your answers with a partner.



Friday Spelling Test:

Remember to only test your child on the number of words they have learnt – 5, 10 or 15

	Adding s, es, ed to words ending in -y
1	cry
2	cries
3	try
4	tries
5	fly
6	flies
7	reply
8	replies
9	replied
10	carry
11	carries
12	carried
13	hurry
14	hurries
15	hurried

1.
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