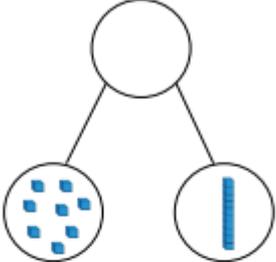
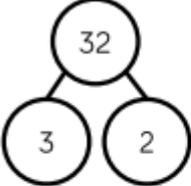
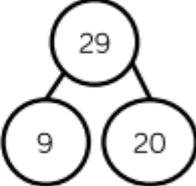
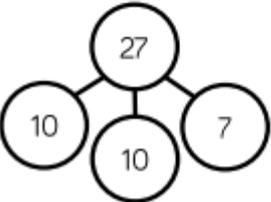
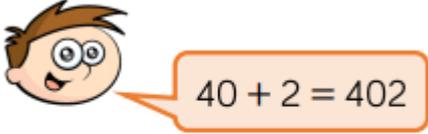
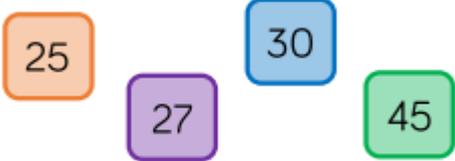
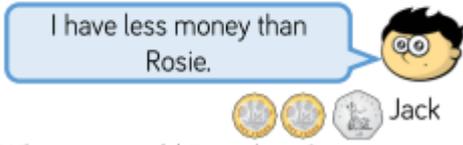


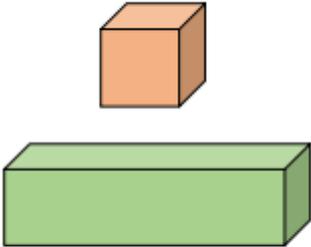


West Berkshire 'Maths Talk' Counts Summer Challenge: Year 2

1 August 2020	<p>Circle the odd one out and explain why.</p> <p>11 12 13 14 15 61 17 18</p>
2 August 2020	<p>Alex makes a part-whole model.</p>  <p>She says:</p>  <p>There are 8 tens and 1 one.</p> <p>Explain her mistake.</p> <p>What is her number?</p>
3 August 2020	<p>The children are completing the part whole models.</p>  <p>Tommy</p>  <p>Rosie</p>  <p>Jack</p> <p>Are they correct? Explain why.</p>



4 August 2020	<p>Teddy thinks that,</p>  <p>Explain the mistake he has made.</p> <p>Can you show the correct answer using concrete resources?</p>
5 August 2020	<p>How many different numbers can go in the box?</p> $13 < \square < 20$
6 August 2020	<p>True or False?</p> <p>One ten and twelve ones is bigger than 2 tens.</p> <p>Explain how you know.</p>
7 August 2020	<p>Odd One Out</p>  <p>Which is the odd one out? Explain your answer.</p>
8 August 2020	<p>Jack, Rosie and Amir each have some money in their pockets.</p> <p>Jack and Amir both have coins and Rosie has a note.</p>  <p>Amir</p>  <p>Jack</p> <p>What note could Rosie have?</p>

<p>9 August 2020</p>	<p>The tooth fairy left some money for two children.</p>  <p>Jack has 50 pence. Mo has one pound.</p> <p>Jack thinks he has more money because his coin is physically bigger.</p> <p>Explain why Jack is wrong.</p>
<p>10 August 2020</p>	<p>Rosie says,</p>  <p>Do you agree?</p> <p>Explain why.</p>
<p>11 August 2020</p>	<p>Ron sorted the shapes in order of the number of sides. Has he ordered them correctly?</p> <p>Explain why.</p> 
<p>12 August 2020</p>	<p>Compare these 3-D shapes.</p>  <p>What is the same and what is different?</p>

13 August 2020	<p>True or false?</p> <p>Dividing by 10 is the same as dividing by 5 then dividing by 2</p>																
14 August 2020	<p>SALE</p> <p> 15 p  22 p  35 p  68 p</p> <p>The cost of each piece of fruit is reduced by 10 p.</p> <p>What are the new prices?</p>																
15 August 2020	<p>Mo says,</p> <p> I know that 10 more than 72 is 82 because I only have to look at the tens digit.</p> <p>Is he correct? Explain your reasoning.</p>																
16 August 2020	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td></td> </tr> </table> <p style="text-align: center;">Circles represent 20 Triangles represent 10 Squares represent 50</p> <p>What is the value of each row and column?</p>																
																	
																	
																	

17 August 2020

Here are three digit cards.



Place the digit cards in the number sentence.

How many different totals can you find?

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

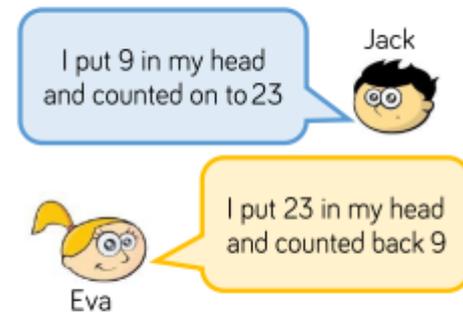
What is the smallest total?

What is the largest total?

18 August 2020

Jack and Eva are solving the subtraction $23 - 9$

Here are their methods:



Jack: I put 9 in my head and counted on to 23

Eva: I put 23 in my head and counted back 9

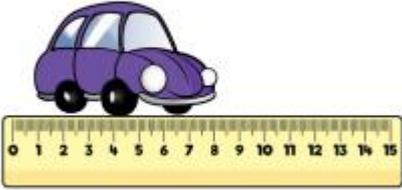
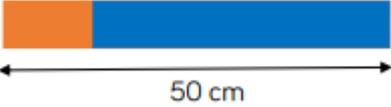
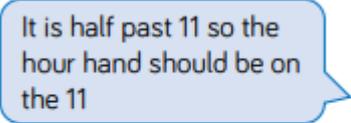
Who's method is the most efficient?

Can you explain why?

19 August 2020

What digits could go in the boxes?

$$\square 2 + \square 5 = 87$$

20 August 2020	<p>Mo has used the ruler to measure the length of the car.</p>  <p>Mo says the car is 8 centimetres long. Do you agree? Explain your answer.</p>
21 August 2020	<p>A green pencil is twice as long as a blue pencil.</p>  <p>Using this, complete the statements using longer than, shorter than or equal to.</p> <p>3 green pencils are _____ 2 blue pencils</p> <p>2 green pencils are _____ 5 blue pencils</p> <p>4 green pencils are _____ 8 blue pencils</p>
22 August 2020	<p>Here is a strip of orange paper.</p>  <p>A blue strip is four times longer than an orange strip.</p>  <p>The strips are joined end to end.</p>  <p>How long is the orange strip?</p> <p>How long is the blue strip?</p>
23 August 2020	 <p>Is Alex correct? Explain your reasoning.</p>

24 August 2020



Who is telling the time correctly?



The time is half past 6

Dora

The time is half past 3



Amir



The time is half past 2

Alex

Can you spot the mistakes they've made?

25 August 2020

Sophia starts her Maths questions at 1 past 11



Each question takes her 5 minutes to complete.
She completes 7 questions.

What time does Sophia finish her Maths questions?
Explain how you found the answer.

26 August 2020

Continue these patterns by adding the next 3 shapes.



27 August 2020

Alex, Annie and Whitney each show a piece of ribbon.

Whitney shows $\frac{1}{2}$ of her whole ribbon.



Alex shows $\frac{1}{4}$ of her whole ribbon.



Annie shows $\frac{1}{3}$ of her whole ribbon.

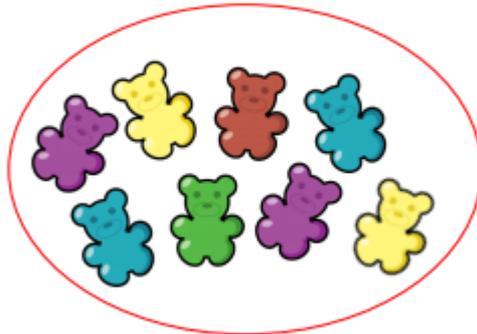


Whose whole piece is the longest?
Whose is the shortest?
Explain why.

28 August 2020

Annie has some gummy bears.

She circles half of them.

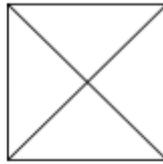


How many gummy bears did she have at the start?

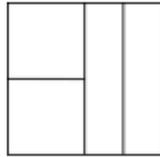
29 August 2020

Three children are splitting a square into equal parts.

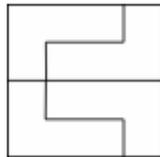
Teddy



Alex



Mo



Who has split the square into equal parts? Explain why.

30 August 2020

Who has more? Explain why.



I have $\frac{1}{4}$ of £8

Rosie

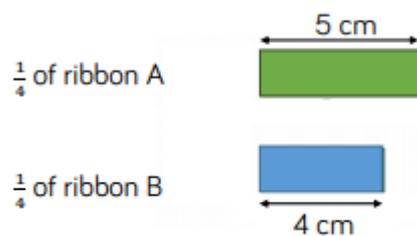


I have $\frac{1}{2}$ of £6

Whitney

31 August 2020

Mo has two ribbons. He cuts $\frac{1}{4}$ from each ribbon.



How long were Mo's whole pieces of ribbon?

Which ribbon was the longest? How much longer?

