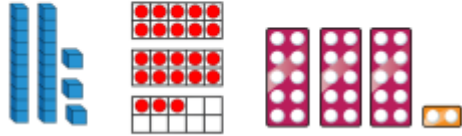
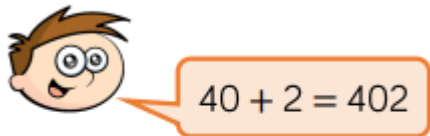
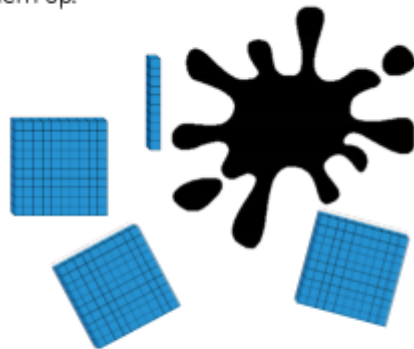
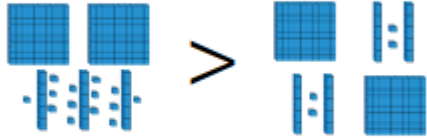



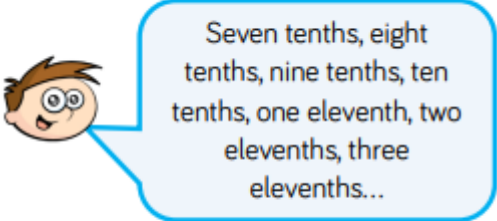


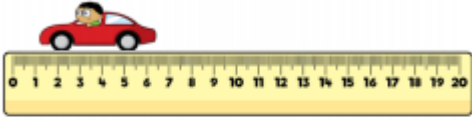

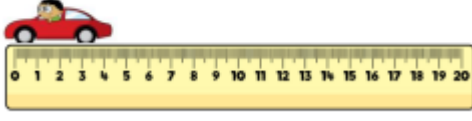

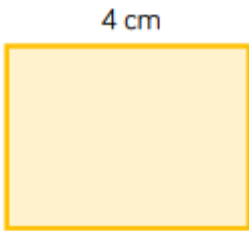


West Berkshire 'Maths Talk' Counts Summer Challenge: Year 3

<p>1 August 2020</p>	<p>One of these images <b>does not</b> show 23 Can you explain the mistake?</p> <p>A                  B                  C</p> 
<p>2 August 2020</p>	<p>Teddy thinks that,</p>  <p>40 + 2 = 402</p> <p>Explain the mistake he has made.</p> <p>Can you show the correct answer using concrete resources?</p>
<p>3 August 2020</p>	<p>Teddy has used Base 10 to represent the number 420. He has covered some of them up.</p>  <p>Work out the amount he has covered up.</p> <p>How many different ways can you make the missing amount using Base 10?</p>

<p>4 August 2020</p>	<p><b>True or False?</b></p>  <p>Explain your answer.</p>
<p>5 August 2020</p>	<p>Rosie has 5 silver coins in her purse.</p> <p>She can make 40p with three coins.</p> <p>She can also make 75p with three coins.</p> <p>How much money does Rosie have in her purse?</p>
<p>6 August 2020</p>	<p>Amir has 5 different coins in his wallet.</p>  <p>What is the greatest amount of money he could have in his wallet? What is the least amount of money?</p>
<p>7 August 2020</p>	<p>Dora thinks there is more than £5 but less than £6 Is Dora correct?</p>  <p>Convince me.</p>

8 August 2020	<p><b>True or False?</b></p>  <p><math>\frac{1}{3}</math> of the shape is shaded.</p>
9 August 2020	<p>Teddy is counting in tenths.</p>  <p>Can you spot his mistake?</p>
10 August 2020	<p>Ron has £3 and 50p He wants to give half of his money to his brother. How much would his brother receive?</p> 
11 August 2020	<p>Whitney's ruler is broken. How could she use it to still measure items?</p> 

<p>12 August 2020</p>	<p>Three children measured the same toy car.</p> <p>Eva says that the car is 6 cm and 5 mm</p>  <p>Dexter says the car is 5 cm</p>  <p>Annie says the car is 4 cm 5 mm</p>  <p>Who is correct? Who is incorrect? Explain why.</p>
<p>13 August 2020</p>	<p>Rosie is measuring a sunflower using a 30 cm ruler.</p> <p>Rosie says,</p>  <p>Rosie is incorrect. Explain what mistake she might have made. How tall is the sunflower?</p>
<p>14 August 2020</p>	<p><b>Always, Sometimes, Never?</b></p> <p>mm lengths are smaller than cm lengths.</p>
<p>15 August 2020</p>	<p>Amir is measuring the shape below. He thinks the perimeter is 7 cm.</p> <p>Can you spot his mistake?</p> 

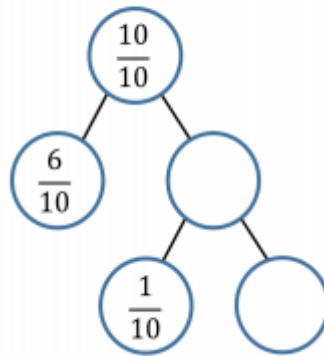
16 August 2020



Each side of this shape is of equal length.  
The perimeter is 60 cm.  
How long is each side?

17 August 2020

Fill in the missing values.  
Explain how you got your answers.



18 August 2020

Whitney asks Rosie and Jack a question.

Some months have 31 days, some months have 30 days. How many months have 28 days?



Only February has 28 days.

Rosie



Every month has 28 days.

Jack

Who do you agree with? Explain your thinking.

19 August 2020

4 children describe their birthdays.



My birthday is the first day of the second month.

Mo

I was born on the 15<sup>th</sup> of June.



Teddy



I was born on the last day of the year!

Eva

I was born two days before Mo.



Dora

Can you work out their birthdays and order them from earliest to latest in the year?

20 August 2020



Mo

I get up at 7 o'clock in the morning and go to bed at 7 o'clock at night. This means I have been awake for a full day.

Do you agree with Mo?  
Explain your answer.

21 August 2020



Dora

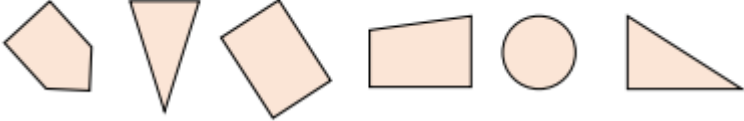




I slept from 8 p.m. to 8 a.m.



Teddy

I slept from 8 a.m. to 8 p.m.

Who is more likely to be correct?  
Explain how you know.

22 August 2020	<p>Sort the shapes based on the number of right angles they have. Record your answer in a table.</p> 
23 August 2020	<p>Label the horizontal and vertical lines in each of these images.</p> 
24 August 2020	<p>Mark 3 sets of parallel lines and 3 sets of perpendicular lines in this flag.</p>  <p>Design your own flag containing parallel and perpendicular lines.</p>
25 August 2020	<p>What is the same and what is different about these shapes?</p> 
26 August 2020	<p>The chocolate bar weighs 100 g. How much does one muffin weigh?</p>  <p>How much does each side weigh?</p>
27 August 2020	

28 August 2020

Here are three masses.

20 kg and 600 g

20 kg

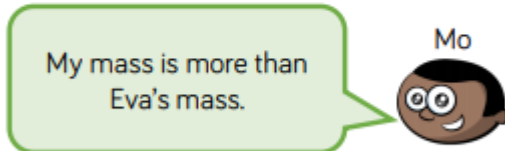
18 kg and 500 g

Match each mass to the correct child.



Dora

My mass weighs more than  $\frac{1}{2}$  of 40 kg.



Mo

My mass is more than Eva's mass.



Eva

My mass weighs more than 18 kg but less than 20 kg.

Here are three masses.

20 kg and 600 g

20 kg

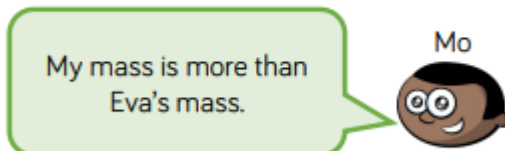
18 kg and 500 g

Match each mass to the correct child.



Dora

My mass weighs more than  $\frac{1}{2}$  of 40 kg.



Mo






My mass is more than Eva's mass.



Eva

My mass weighs more than 18 kg but less than 20 kg.



	<p>Here are three masses.</p> <p>20 kg and 600 g      20 kg</p> <p>18 kg and 500 g</p> <p>Match each mass to the correct child.</p> <p>Dora  My mass weighs more than <math>\frac{1}{2}</math> of 40 kg.</p> <p> My mass is more than Eva's mass.</p> <p>Eva  My mass weighs more than 18 kg but less than 20 kg.</p>
29 August 2020	<p>Dora buys two peaches and three pears.</p> <p>One peach weighs 75 g. </p> <p>Three pears weigh the same as two peaches. </p> <p>How much does one pear weigh?</p>

30 August 2020

Use the clues to work out who has which container.



I have exactly half a litre

Annie



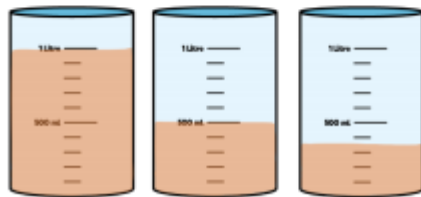
I have 1,000 ml

Amir



I have more than 300 ml but less than 400 ml

Eva



A

B

C

31 August 2020



I know that  $\frac{1}{3}$  is larger than  $\frac{1}{2}$  because 3 is larger than 2

Do you agree with Dora?  
Explain how you know.