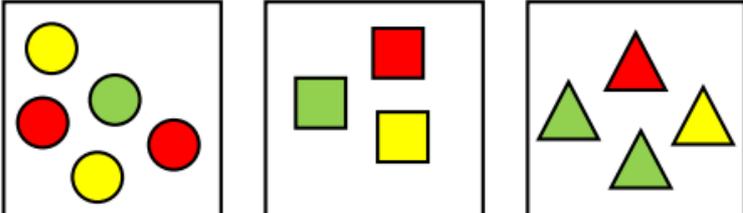
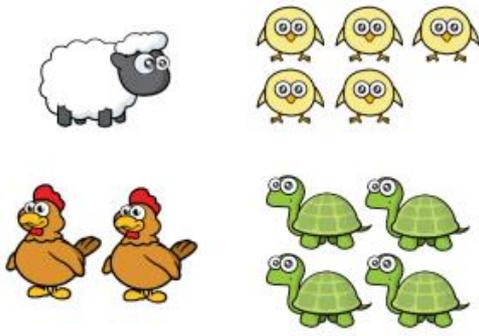
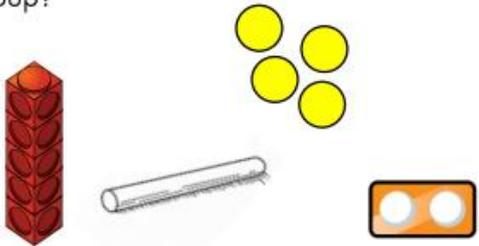
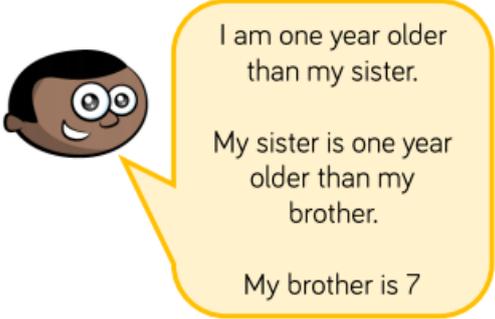
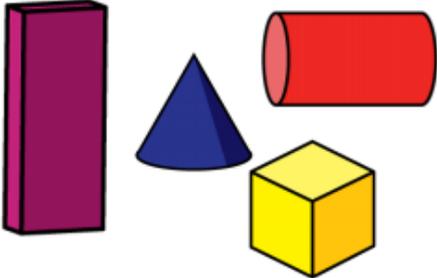




West Berkshire 'Maths Talk' Counts Summer Challenge: Year 1

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|---------------|--|
| 1 August 2020 | <p>How many ways can you sort the children into groups?</p>  |
| 2 August 2020 |  <p>How have these objects been grouped? How else could you group them?</p> |
| 3 August 2020 |  <p>Which representation matches which group?</p>  <p>Explain how you know.</p> |

| | |
|---------------|---|
| 4 August 2020 | <p>Mo says,</p>  <p>How old is Mo? Who is the oldest? Explain why.</p> |
| 5 August 2020 | <p>True or False?</p> <div style="border: 1px solid green; border-radius: 15px; padding: 10px; text-align: center; margin: 10px auto; width: 80%;"> <p>One more than 7 is the same as 1 less than 9</p> </div> <p>Use a number track to help you.</p> <p>Can you think of another statement like this?</p> |
| 6 August 2020 |  <p>Can the family all travel in a 5 seater car? Explain how you know.</p> |
| 7 August 2020 | <p>Use 10 cubes.</p> <p>Place them into 3 piles.</p> <p>Order the piles from greatest to smallest.</p> <p>How many different ways can you find?</p> |

| | |
|-----------------------|---|
| <p>8 August 2020</p> | <p>Whitney has this many cubes in one hand.</p>  <p>She has fewer cubes in the other hand.</p> <p>How many cubes could she have in her other hand?</p> |
| <p>9 August 2020</p> | <p>Alex is counting.</p>  <p>How do you know that Alex is counting backwards?</p> |
| <p>10 August 2020</p> | <p>Circle the odd one out in each group.</p>  |
| <p>11 August 2020</p> | <p>How many ways can you sort the shapes into groups?</p>  |

12 August 2020

Two children have used the instructions to make a pattern.

There are four shapes.

The first is a circle.

The last is a square.

The other two shapes are a triangle and a rectangle.

Here are their patterns.

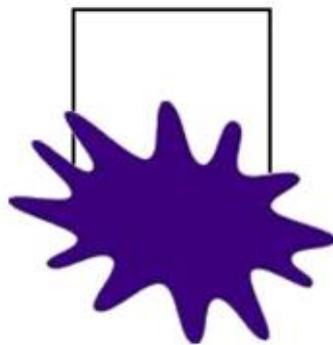
Amir ○ △ □ □

Dora ○ □ △ □

Who is correct?

13 August 2020

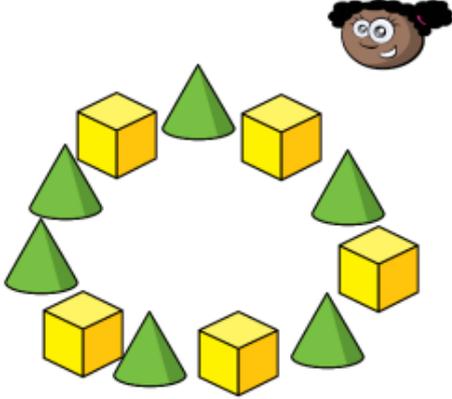
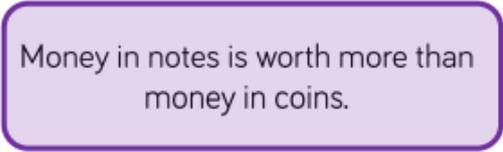
Part of a shape is hidden.



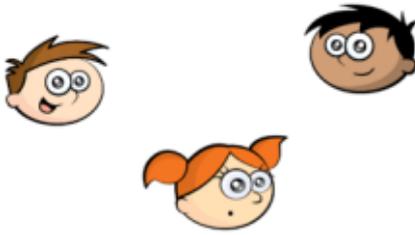
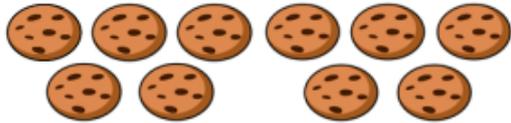
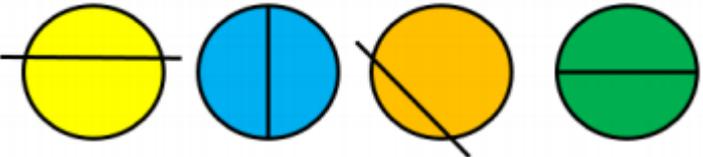
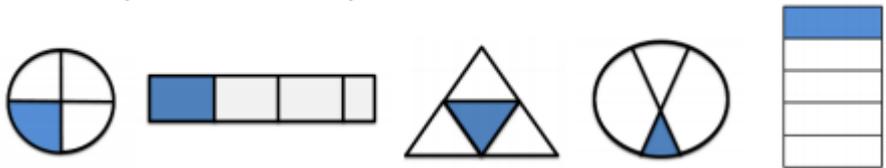
What shape could it be?

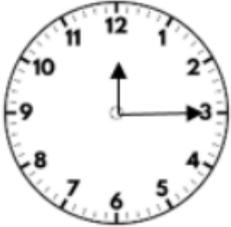
Is there more than one possibility?

Explain your thinking.

| | |
|----------------|--|
| 14 August 2020 | <p>Which is the odd one out?</p> <p>  </p> <p>Why?</p> |
| 15 August 2020 | <p>Whitney is making a pattern in a circle.</p> <p>  </p> <p>Is Whitney's pattern correct? Explain why.</p> <p>Can you make your own circular pattern using 3-D shapes?</p> |
| 16 August 2020 | <p>Dora says:</p> <p>  </p> <p>Do you agree with Dora? Justify your answer.</p> |
| 17 August 2020 | <p>Always, sometimes, never</p> <p>  </p> |

| | |
|-----------------------|--|
| <p>18 August 2020</p> | <p>Teddy is given one  for Christmas.</p> <p>Eva is given two </p> <p> I got more than you did because my number is bigger.</p> <p>Teddy</p> <p>I got more than you did because I got two notes.</p> <p></p> <p>Eva</p> <p>Who is correct? Explain your reasoning.</p> |
| <p>19 August 2020</p> | <p>Tommy and Jack each have the same number of sweets.</p> <p></p> <p>Tommy has 5 equal groups of 2 Jack has 1 equal group. How many sweets are in Jack's group?</p> |
| <p>20 August 2020</p> | <p>Tommy is drinking a bottle of orange juice. Match the words to the bottles to order them.</p> <p>  </p> <p><input type="text" value="finally"/> <input type="text" value="first"/> <input type="text" value="next"/></p> |

| | |
|-----------------------|--|
| <p>21 August 2020</p> | <p>Alex has 2 silver coins. Teddy has 5 bronze coins. Amir has 1 silver coin.</p> <p>They all have the same amount of money. Which coins do they each have? Collect or draw the coins to prove it.</p>  <p>Are there any other amounts that this works for?</p> |
| <p>22 August 2020</p> | <p>Dora has 10 biscuits.</p>  <p>She wants to share them equally at her party. How many people could be at the party?</p> |
| <p>23 August 2020</p> | <p>Which circles have been split into equal halves?</p>  |
| <p>24 August 2020</p> | <p>Tick the shapes that show quarters.</p>  |

| | |
|-----------------------|---|
| <p>25 August 2020</p> | <p>Eva is practising chanting the months of the year.</p> <p>She says,</p> <div style="display: flex; align-items: center;">  <div style="border: 1px solid blue; border-radius: 15px; padding: 10px; background-color: #e6f2ff;"> <p>January, February, May, April, March, July, June, August, September, November, October, December.</p> </div> </div> <p>Eva is incorrect. Correct her mistakes.</p> |
| <p>26 August 2020</p> | <div style="text-align: center;">  </div> <div style="display: flex; align-items: center; margin-top: 20px;"> <div style="border: 1px solid orange; border-radius: 15px; padding: 10px; background-color: #ffe4c4; margin-right: 10px;"> <p>The time is 3 o'clock.</p> </div>  </div> <p style="text-align: right; margin-right: 10px;">Amir</p> <p>Can you spot Amir's mistake?</p> |
| <p>27 August 2020</p> | <p>Mo is finding halves.</p> <div style="display: flex; align-items: center; margin-top: 20px;"> <div style="border: 1px solid yellow; border-radius: 15px; padding: 10px; background-color: #fff9c4; margin-right: 10px;"> <p>It is hard to find half of an odd number.</p> </div>  </div> <p>Do you agree with Mo? Explain your answer.</p> |
| <p>28 August 2020</p> | <p>Eva is counting from 38 to 24 </p> <p>Will she say the number 39? Will she say the number 29? Will she say the number 19?</p> <p>Explain how you know.</p> |

29 August 2020

Odd One Out

25

27

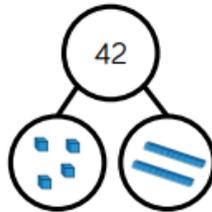
30

45

Which is the odd one out? Explain your answer.

30 August 2020

Dora and Amir both try to build the same number.



Who is correct?

Can you explain the mistake that has been made?

31 August 2020

Always, sometimes, never...



When you find one more than a number, only the ones digit will change.

Convince me using some examples.