
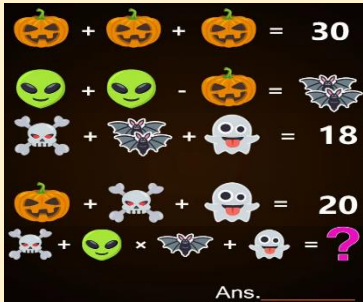
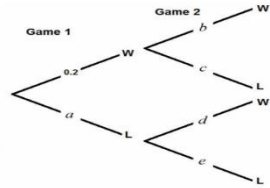


9M1 Mr Paul. Weekly Task Grid – Week commencing 13th July 2020 (Available to work on from 10th July)

Choose at least **four** tasks from the grid to complete over this week – **Attach and submit your work on SMHW- Task 3 and 6 is a priority**

<p>Task 1 Make a poster/quiz/PowerPoint/kahoot on questions involving anything you have learnt to do with the</p> <p>Solving Simultaneous Equations</p>	<p>Task 2 Challenge yourself with this COUNTDOWN. Try to use all the numbers and get the exact answer.</p> 	<p>Task 3 Complete the lessons and online homework on Solving Simultaneous Equations set on My Maths</p>	<p>Task 4 Go to White rose maths. Go through the lessons</p> <p>week 11</p>
<p>Task 5 Must explain your answer</p>  <p>Ans.</p>	<p>Task 6</p> <p>Watch video</p> <p>Worksheets</p> <p>Answers</p>	<p>Task 7 Skills Check</p> <ol style="list-style-type: none"> Find the nth term -3, 3, 9, 15 Simplify $4a^3 \times 2a^4$ Work out $2\frac{2}{5} - 1\frac{2}{3}$ Express 120 as a product of prime factors If $x = -2$ find the value of $3x^2 - 4x$ Factorise $x^2 - 4$ Expand $(x - 6)^2$ Solve $\frac{x}{2} + 4 = 10$ Calculate 15% of £45 Work out $1960 \div 35$ 	<p>Task 8</p> <p>Sergio is playing on the computer. He plays two different games, Game 1 and Game 2. The two events are independent. The tree diagram shows some of the information below.</p>  <p>Given that the probability of Sergio losing both games is $12/25$, find the values of a, b, c, d and e.</p>
<p>Task 9 Try and complete as many levels as you can Play a mathematical board game with some of your household. E.g. Connect 4, Chess, draughts, cards, monopoly, dominos, etc.</p>	<p>Task 10 Complete the revision and test on Stratified Sampling on BBC Bitesize https://www.bbc.co.uk/bitesize/guides/zy9frwx/revision/3</p>	<p>Task 11 Read a book that is linked to maths. This link has 64 books to look through... Maths books Some other ideas: Giant Pumpkin Suite - Melanie Heuiser Hill Navigating Early - Clare Vanderpool Secrets, Lies and Algebra - Wendy Lichtman</p>	<p>Task 12 Watch this clip-on YouTube The Joy of stats and write a report on you have found out</p>

TASK 5

$$\begin{array}{l} \text{Pumpkin} + \text{Pumpkin} + \text{Pumpkin} = 30 \\ \text{Alien} + \text{Alien} - \text{Pumpkin} = \text{Bats} \\ \text{Skull} + \text{Bats} + \text{Ghost} = 18 \\ \text{Pumpkin} + \text{Skull} + \text{Ghost} = 20 \\ \text{Skull} + \text{Alien} \times \text{Bats} + \text{Ghost} = ? \end{array}$$

Ans. _____

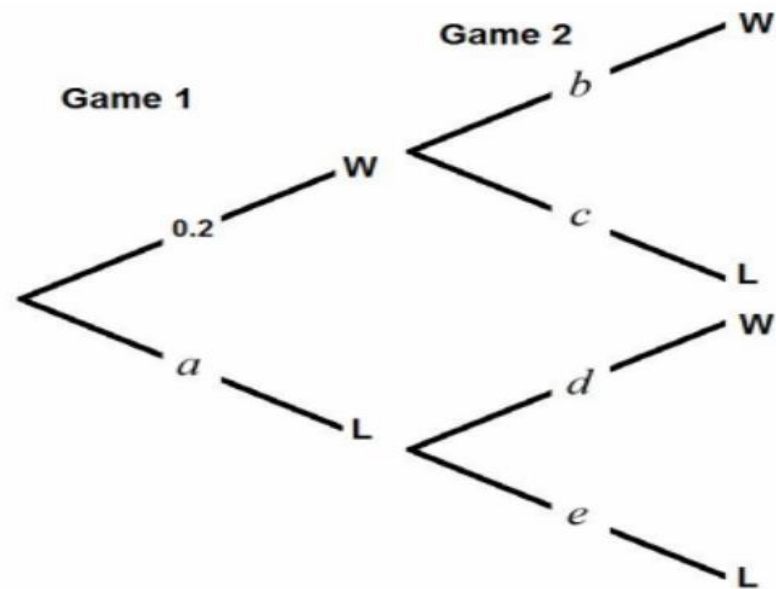
TASK 7

- 1** Find the n th term -3, 3, 9, 15
- 2** Simplify $4a^3 \times 2a^4$
- 3** Work out $2\frac{2}{5} - 1\frac{2}{3}$
- 4** Express 120 as a product of prime factors
- 5** If $x = -2$ find the value of $3x^2 - 4x$
- 6** Factorise $x^2 - 4$
- 7** Expand $(x - 6)^2$
- 8** Solve $\frac{x}{2} + 4 = 10$
- 9** Calculate 15% of £45
- 10** Work out $1960 \div 35$

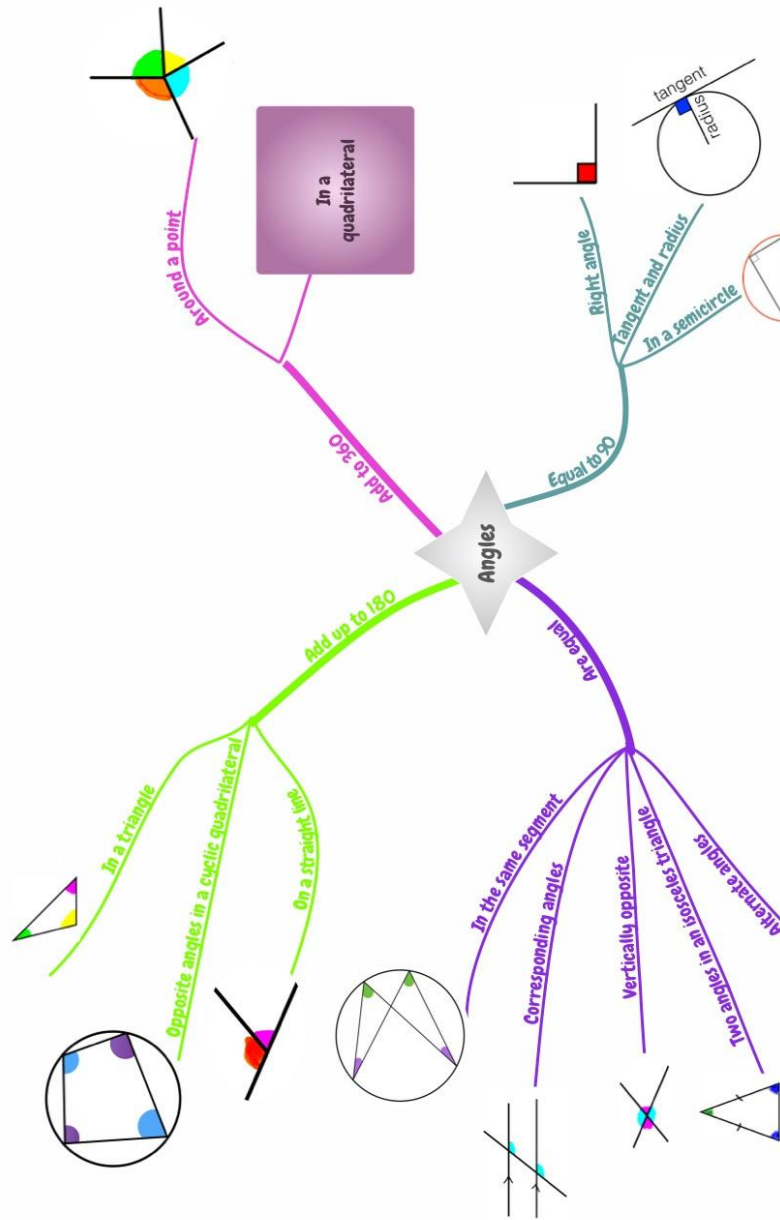
TASK 8

Sergio is playing on the computer.
He plays two different games, Game 1
and Game 2.

The two events are independent.
The tree diagram shows some of the
information below.



Given that the probability of Sergio
losing both games is $\frac{12}{25}$, find the
values of a, b, c, d and e .



Mind Map

Write details about you in the circles.

