
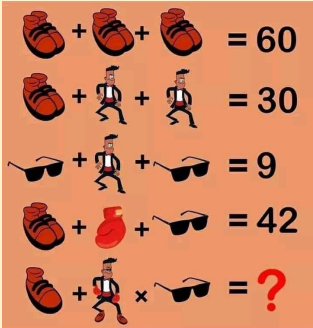


9M1 Mr Paul. Weekly Task Grid – Week commencing 15th June 2020 (Available to work on from 12th June)

Choose any tasks from the grid to complete over this week – **Attach and submit your work on SMHW**

<p align="center">Task 1</p> <p>Make a quiz/PowerPoint/kahoot on questions involving anything you have learnt to do with the</p> <p align="center">Displaying data</p> <p>Questions can involve: types of graph, interpreting graphs</p> <p>Any excellent efforts will be shared with everyone to complete next week!</p>	<p align="center">Task 2</p> <p>Challenge yourself with this COUNTDOWN. Try to use all the numbers and get the exact answer.</p> <div align="center">  </div>	<p align="center">Task 3</p> <p>Complete the lesson and online homework on Venn Diagrams 1 set on My Maths</p>	<p align="center">Task 4</p> <p>Go to <u>White rose maths</u>. Complete 1 or more activities from week 7 (and then check the answers.)</p> <p>If you need to, then watch the video first.</p>
<p align="center">Task 5 (Puzzle same as last week)</p> <p>Clue1: look at the picture very carefully</p> <p>Clue2: look at the picture of the man on the final line very carefully</p> <div align="center">  </div>	<p align="center">Task 6</p> <p>Watch the video for Venn diagrams: <u>Video – Venn diagrams</u></p> <p>Answer the following questions:</p> <p align="center"><u>Venn diagrams</u> complete up to q10</p> <p>Answers to check –</p> <p align="center">Venn diagrams <u>Answers</u></p>	<p align="center">Task 7</p> <p align="center">Skills Check</p> <div> <ol style="list-style-type: none"> Increase £64 by 35% Round 0.09467 correct to 1 significant figure Factorise $x^2 - x - 12$ Divide £6390 in the ratio 7 : 2 Work out 0.53×18 If $x = -1$ and $y = -4$ what is the value of $x^2 - y$ Estimate $\frac{11.5-6.3}{0.48}$ What is the nth term of 3, 7, 11, 15 Express 90 as a product of primes Expand and simplify $(x - 6)(x - 6)$ </div>	<p align="center">Task 8</p> <p>Alternative YouTube video on</p> <p align="center"><u>Venn Diagrams</u></p>
<p align="center">Task 9</p> <p>Try and complete as many levels as you can Play a mathematical board game with some of your household.</p> <p>E.g. Connect 4, Chess, draughts, cards, monopoly, dominos, etc.</p>	<p align="center">Task 10</p> <p>Try the <u>weekly challenges</u> form BBC</p> <p>Also an interesting <u>clip</u> on where 0 and negative numbers come from</p>	<p align="center">Task 11</p> <p>Read a book that is linked to maths.</p> <p>This link has 64 books to look through... <u>Maths books</u></p> <p>Some other ideas:</p> <p>Giant Pumpkin Suite - Melanie Heuiser Hill</p> <p>Navigating Early - Clare Vanderpool</p> <p>Secrets, Lies and Algebra - Wendy Lichtman</p>	<p align="center">Task 12</p> <p>Watch this clip on YouTube</p> <p align="center"><u>The Joy of stats</u></p> <p>and write a report on you have found out</p>

TASK 5

$\text{Sneaker} + \text{Sneaker} + \text{Sneaker} = 60$

$\text{Sneaker} + \text{Man} + \text{Man} = 30$

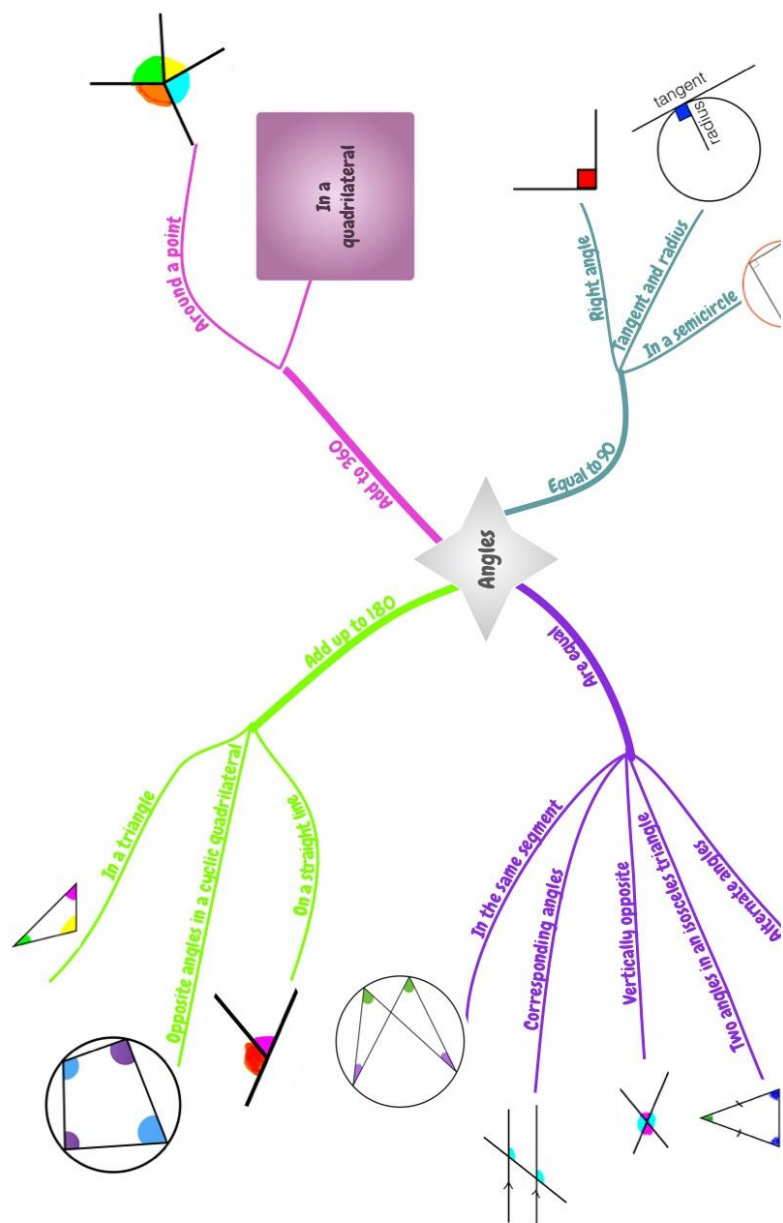
$\text{Sunglasses} + \text{Man} + \text{Sunglasses} = 9$

$\text{Sneaker} + \text{Boxing Glove} + \text{Sunglasses} = 42$

$\text{Sneaker} + \text{Man with Gloves} \times \text{Sunglasses} = ?$

TASK 7

- 1 **Increase** £64 by 35%
- 2 **Round** 0.09467 correct to 1 significant figure
- 3 **Factorise** $x^2 - x - 12$
- 4 **Divide** £6390 in the ratio 7 : 2
- 5 Work out 0.53×18
- 6 If $x = -1$ and $y = -4$ what is the value of $x^2 - y$
- 7 **Estimate** $\frac{11.5 - 6.3}{0.48}$
- 8 What is the **nth term** of 3, 7, 11, 15
- 9 **Express** 90 as a **product of primes**
- 10 **Expand** and **simplify** $(x - 6)(x - 6)$



Mind Map

Write details about you in the circles.

