
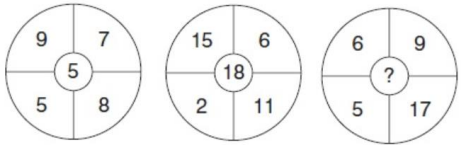


9M1 Mr Paul. Weekly Task Grid – Week commencing 29<sup>th</sup> June 2020 (Available to work on from 26<sup>th</sup> June)

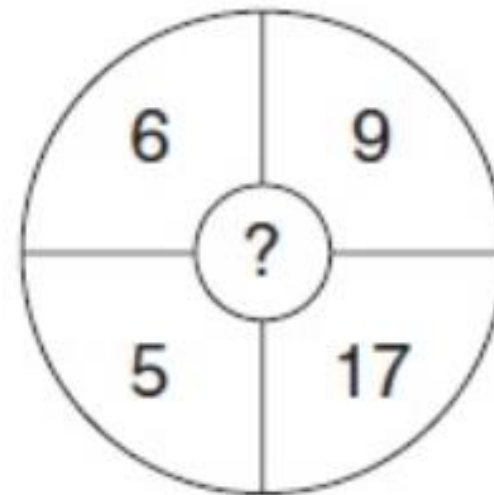
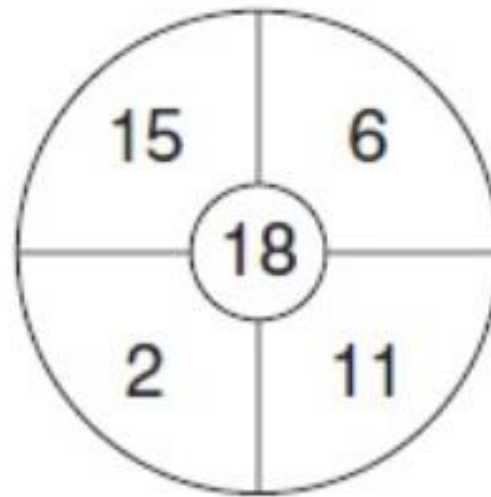
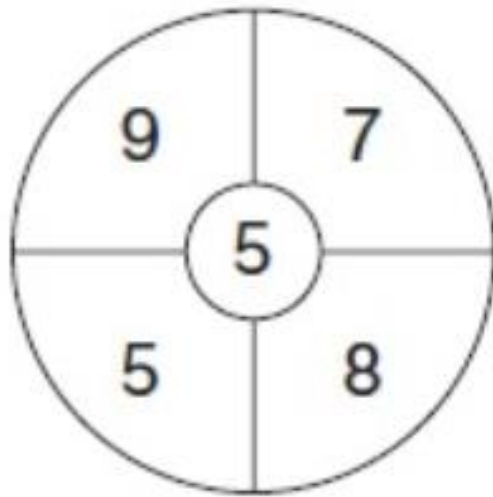
Choose **four** tasks from the grid to complete over this week – **Attach and submit your work on SMHW- Task 3 and 8 is a priority**

<p><b>Task 1</b></p> <p>Make a poster/quiz/PowerPoint/kahoot on questions involving anything you have learnt to do with the</p> <p><b>Sampling</b></p> <p>Questions can involve: types of sampling, advantage and disadvantage of different types etc.</p>	<p><b>Task 2</b></p> <p>Challenge yourself with this COUNTDOWN. Try to use <b>all</b> the numbers and get the exact answer.</p> 	<p><b>Task 3</b></p> <p>Complete the lessons and online homework on <b>Independent and dependent Probability</b> set on <b>My Maths</b></p>	<p><b>Task 4</b></p> <p>Go to <a href="#">White rose maths</a>. Complete 1 or more activities from <b>week 9</b> (and then check the answers.)</p> <p>If you need to, then watch the video first.</p>
<p><b>Task 5</b></p> <p><b>Must explain your answer</b></p> <p><b>Clue: Use pairs of diagonal numbers on each circle to determine the centre number</b></p> <p>What number should replace the question mark?</p> 	<p><b>Task 6</b></p> <p>Watch the 4 videos for <b>Probability tree diagrams</b>:</p> <p><a href="#">Video – Probability tree diagrams</a></p> <p>Answer the following questions:</p> <p><a href="#">Probability tree diagrams</a></p> <p>Answers to check –</p> <p><a href="#">frequency trees answers</a></p>	<p><b>Task 7</b></p> <p><b>Skills Check</b></p> <ol style="list-style-type: none"> <li>1 Solve <math>5x &lt; 3x + 14</math></li> <li>2 Expand <math>(x - 3)(x + 3)</math></li> <li>3 Work out <math>\frac{4}{5} + \frac{3}{4}</math></li> <li>4 Factorise <math>x^2 - x - 42</math></li> <li>5 What is 2% of £540?</li> <li>6 Expand <math>3x(5x + 2)</math></li> <li>7 Work out <math>1170 \div 26</math></li> <li>8 Find the highest common factor of 36 and 90</li> <li>9 Round 54999 to 1 significant figure</li> <li>10 If <math>x = -2</math> find the value of <math>2x^2 - 2x</math></li> </ol>	<p><b>Task 8</b></p> <p><a href="#">LOOM lesson by Mr Paul</a></p> <p>Click on the link and then the password which I have emailed to you individually.</p>
<p><b>Task 9</b></p> <p>Try and complete as many levels as you can</p> <p>Play a <b>mathematical board game</b> with some of your household.</p> <p>E.g. Connect 4, Chess, draughts, cards, monopoly, dominos, etc.</p>	<p><b>Task 10</b></p> <p>Complete the revision and test on Stratified Sampling on BBC Bitesize</p> <p><a href="https://www.bbc.co.uk/bitesize/guides/zy9frwx/revision/3">https://www.bbc.co.uk/bitesize/guides/zy9frwx/revision/3</a></p>	<p><b>Task 11</b></p> <p>Read a <b>book</b> that is linked to maths.</p> <p>This link has 64 books to look through... <a href="#">Maths books</a></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><b>Task 12</b></p> <p>Watch this clip-on <b>YouTube</b></p> <p><a href="#">The Joy of stats</a></p> <p>and write a report on you have found out</p>

## TASK 5

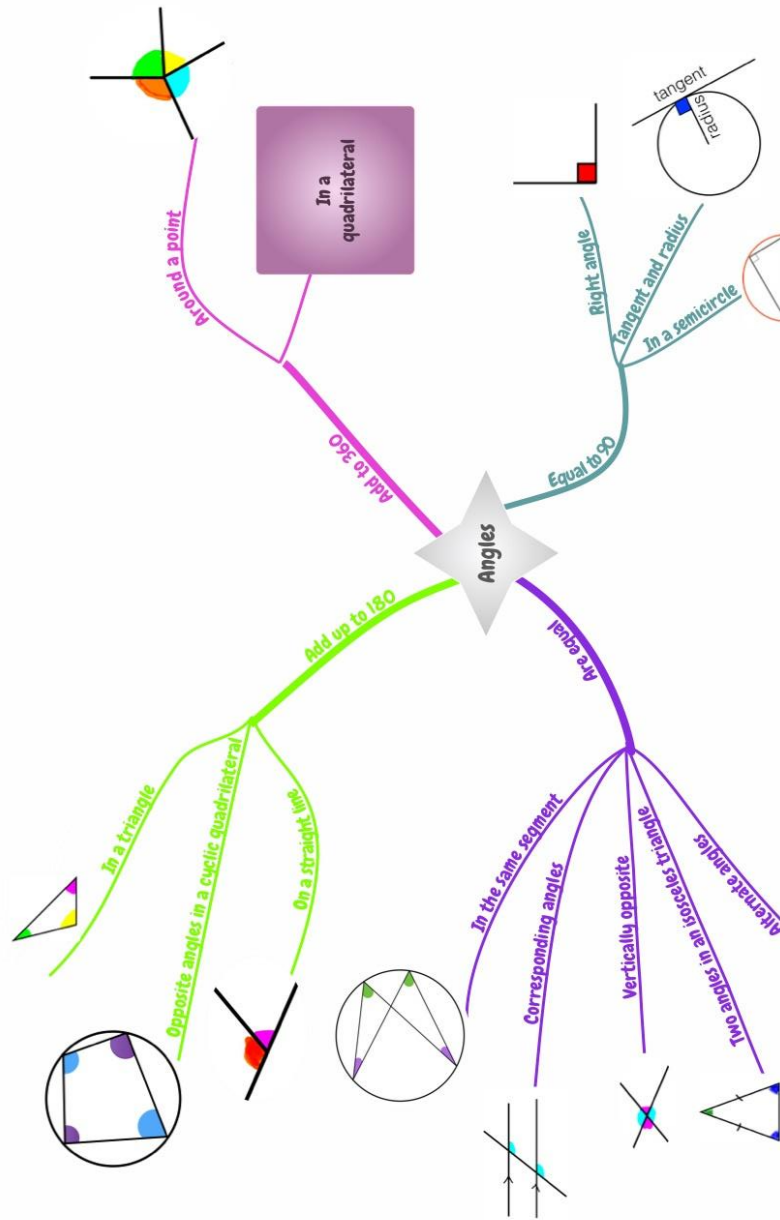
**Clue: Use pairs of diagonal numbers on each circle to determine the centre number**

What number should replace the question mark?



## TASK 7

- 1** Solve  $5x < 3x + 14$
- 2** Expand  $(x - 3)(x + 3)$
- 3** Work out  $\frac{4}{5} + \frac{3}{4}$
- 4** Factorise  $x^2 - x - 42$
- 5** What is 2% of £540?
- 6** Expand  $3x(5x + 2)$
- 7** Work out  $1170 \div 26$
- 8** Find the highest common factor of 36 and 90
- 9** Round 54999 to 1 significant figure
- 10** If  $x = -2$  find the value of  $2x^2 - 2x$



## Mind Map

Write details about you in the circles.

