



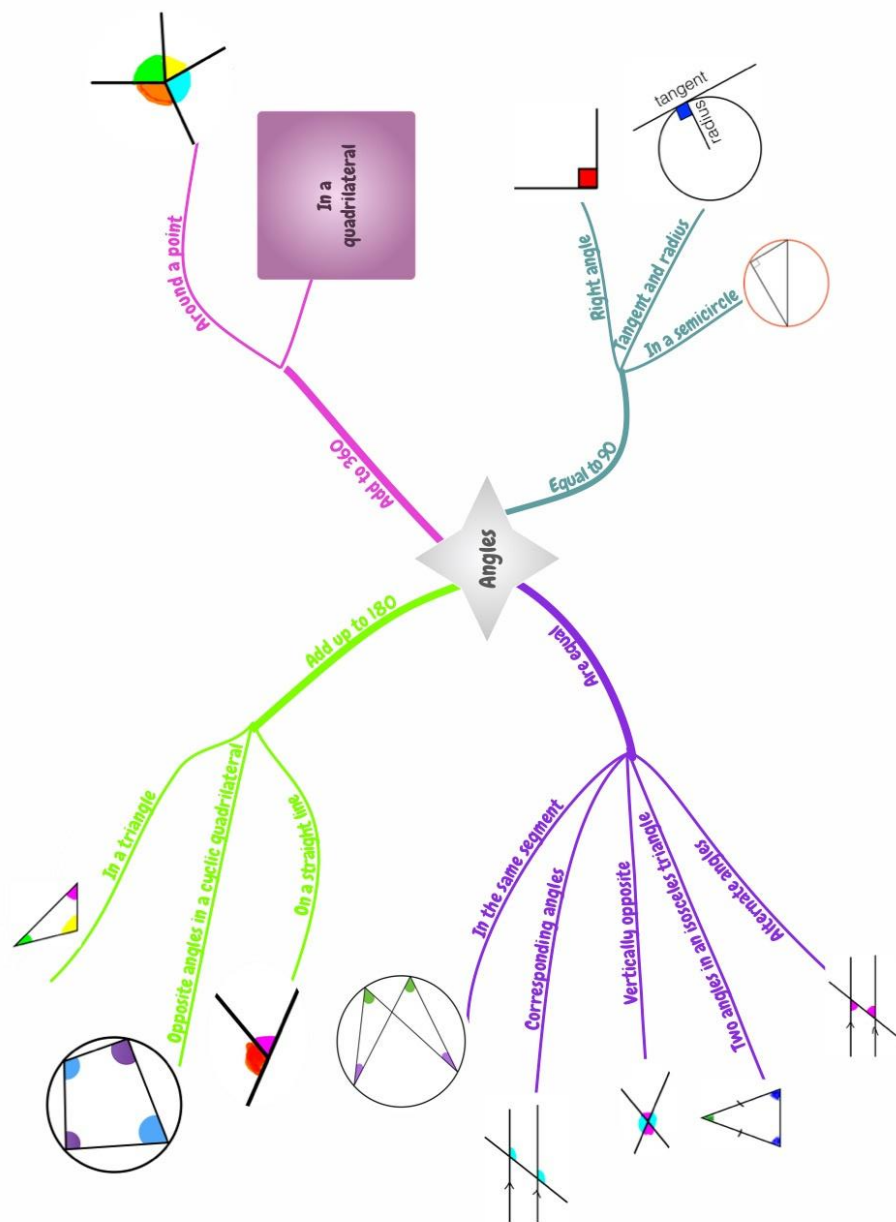


## 7X1 Maths Weekly Task Grid – Week commencing 20<sup>th</sup> April

Choose 1 purple task, 1 orange task, 1 green task and 2 yellow tasks from the grid. Complete them this week.

<p style="text-align: center;"><b>Task 1</b></p> <p>Create a mind map of all the things you <b>already know</b> about <b>Circles</b> (Area, Circumference, labels, anything!)</p> <p>When you learn something new, add it to your map.</p> <p>An example and a template are on the next page.</p>	<p style="text-align: center;"><b>Task 2</b></p> <p><b>Circumference of a circle</b> and then <b>Area of a circle</b> on MyMaths Website. <a href="http://www.mymaths.co.uk">www.mymaths.co.uk</a></p> <p>Log on with your individual logins (email me if you can't get on)</p> <p>Work through the exercise then attempt the homework.</p>	<p style="text-align: center;"><b>Task 3</b></p> <p><b>Circumference of a circle</b> and then <b>Area of a circle</b> on CorbettMaths Website: Videos: <a href="#">Circumference</a> and then <a href="#">Area</a></p> <p>Answer the following questions (don't do them all, just a few from each section like we do in class): <a href="#">Circumference</a> and then <a href="#">Area</a></p> <p>Answers to check – <a href="#">Circumference</a> and then <a href="#">Area</a></p>	<p style="text-align: center;"><b>Task 4</b></p> <p>Create a poster/PowerPoint/revision cards on <b>Circles</b>.</p> <p>Website to help: <a href="#">BBC Bitesize - Circles</a> <a href="#">Maths is Fun</a></p>
<p style="text-align: center;"><b>Task 5</b></p> <p><b>Make a quiz/powerpoint/Kahoot on questions involving circles.</b></p> <p>Questions can involve anything to do with circles. The more unique the better!</p> <p>Any excellent efforts will be shared with everyone to complete next week!</p>	<p style="text-align: center;"><b>Task 6</b></p> <p>Manga High <a href="http://www.mangahigh.com/en-gb">www.mangahigh.com/en-gb</a></p> <p>Log on with the details attached to Show My Homework.</p> <p>Attempt the <b>Circumference</b> and <b>Area of a circle</b> tasks.</p> <p>If you get 3 correct in a row it gets harder! If you redo the exercise you will start on the level you got to last time. You get more points for answering harder questions!</p> <p>Try to get at least a bronze medal.</p>	<p style="text-align: center;"><b>Task 7</b></p> <p>Use the digits <b>1, 2, 3, 3, 5, 6</b> to fill in the missing numbers to make the calculation correct</p> <div style="text-align: center;"> <math>\square \times \square\square - \square = \square\square</math> </div>	<p style="text-align: center;"><b>Task 8</b></p> <div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 10px;">  </div> <div> <ol style="list-style-type: none"> <li>1) <math>23 \times 17</math></li> <li>2) Share £48 in the ratio 3:5</li> <li>3) Increase 120 by 10%</li> <li>4) Round 324 to 1sf</li> <li>5) Estimate <math>19 \times 47</math></li> <li>6) Expand <math>2(x + 3)</math></li> <li>7) Solve <math>3x + 2 = 11</math></li> <li>8) What is the LCM of 15 and 20</li> <li>9) <math>2 + 3 \times 4</math></li> <li>10) <math>\frac{2}{5}</math> of 35</li> </ol> </div> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>If you aren't sure how to do any of these, just email me.</p> </div>
<div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 10px;">  </div> <div> <p style="text-align: center;"><b>Task 9</b></p> <p>How many circles do you see?</p>  </div> </div>	<p style="text-align: center;"><b>Task 10</b></p> <p><b>If the cost is the same, is it better value to buy...</b></p> <p style="text-align: center;">Two 8 inch pizzas...</p> <p style="text-align: center;">Or one 12 inch pizza?</p> <p>If you are answering this one I am going to need FULL working out.</p>	<div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 10px;">  </div> <div> <p style="text-align: center;"><b>Task 11</b></p> <p>Answer this Riddle:</p> <p>Billy's mother had five children. The first was named Lala, the second was named Lele, the third was named Lili, the fourth was named Lolo. What was the fifth child named?</p> </div> </div>	<p style="text-align: center;"><b>Task 12</b></p> <p>Go to <a href="http://www.mrcartermaths.com">www.mrcartermaths.com</a></p> <p>Log on with the following details: U: student@stocksbridgehigh.co.uk P: Prism240</p> <p>Click on <i>secondary</i> &gt; <i>geometry</i> &gt; <b>Circles Area and Perimeter</b></p> <p>Do as many questions as you like and then check your answers.</p>



## Mind Map

Write details about you in the circles.

