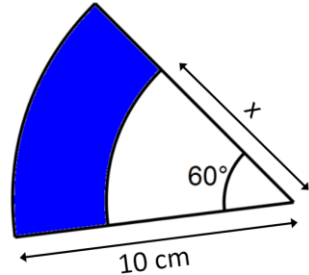

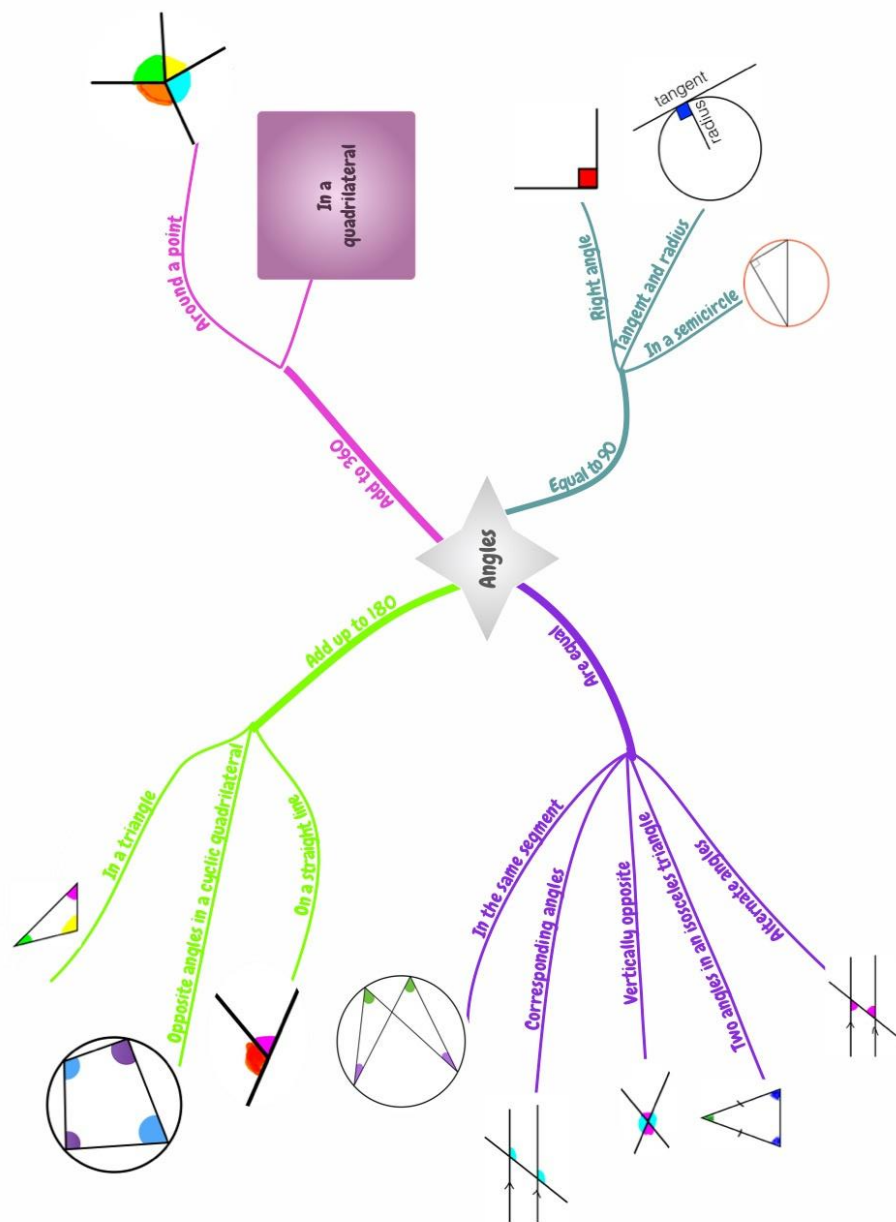


10M1 Maths Weekly Task Grid – Week commencing 20th April

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;">Task 1</p> <p>Create a mind map of all the things you already know about Circles Theorems</p> <p>When you learn something new, add it to your map.</p> <p>An example for a structure you could use is on the next page.</p>	<p style="text-align: center;">Task 2</p> <p>Circumference of a circle and then Area of a circle on MyMaths Website. www.mymaths.co.uk</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;">Task 3</p> <p>You can view all the Circle Theorem Proofs videos on the CorbettMaths Website starting at Video 65a and going to Video 65f:</p> <p>Then use this file as a prompt and try to write them all out. It's not easy, I know. You can combine this with one of the orange tasks, it makes it easier.</p>	<p style="text-align: center;">Task 4</p> <p>Create a poster/PowerPoint/revision cards on Circle Theorems and proofs.</p> <p>Website to help:</p> <p style="text-align: center;">Maths is Fun</p>
<p style="text-align: center;">Task 5</p> <p>Make a quiz/powerpoint/Kahoot on questions involving Circle Theorems.</p> <p>Questions can involve anything to do with them (proofs or made up questions). 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;">Task 6</p> <p>Manga High www.mangahigh.com/en-gb</p> <p>Log on with the details attached to Show My Homework.</p> <p>Attempt the Congruent Triangles challenge.</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;">NEW</p> <p style="text-align: center;">Task 7</p> <p>The unshaded and shaded areas in the sector below are equal.</p> <div style="text-align: center;">  <p>Calculate x</p> </div>	<p style="text-align: center;">NEW</p> <p style="text-align: center;">Task 8</p> <div style="border: 1px solid black; padding: 10px;"> <p>Functional: A tin of varnish costs £15</p> <p>A rectangular floor has dimensions 6 m by 11 m. The floor is going to be covered in varnish.</p> <p>Helen assumes that each tin of this varnish covers an area of 12 m².</p> <p>Using Helen's assumption, work out the cost of buying the varnish for this floor.</p> </div>
<p style="text-align: center;">NEW</p> <p style="text-align: center;">Task 9</p> <p>How many circles do you see?</p> 	<p style="text-align: center;">Task 10</p> <p>If the cost is the same, is it better value to buy...</p> <p>Two 8 inch pizzas...</p> <p>Or one 12 inch pizza?</p> <p>If you are answering this one I am going to need FULL working out.</p>	<p style="text-align: center;">NEW</p> <p style="text-align: center;">Task 11</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>	<p style="text-align: center;">Task 12</p> <p>Go to www.mrcartermaths.com</p> <p>Log on with the following details: U: student@stocksbridgehigh.co.uk P: Prism240</p> <p>Click on <i>secondary > geometry > Circles Theorems</i></p> <p>Do as many questions as you like and then check your answers.</p>



Mind Map

Write details about you in the circles.

