

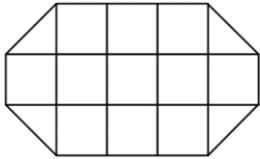

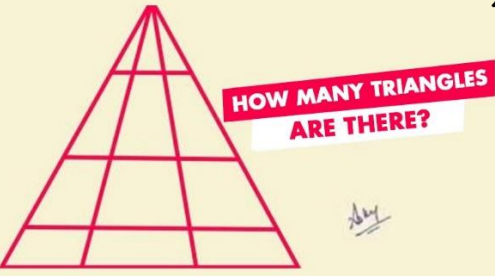


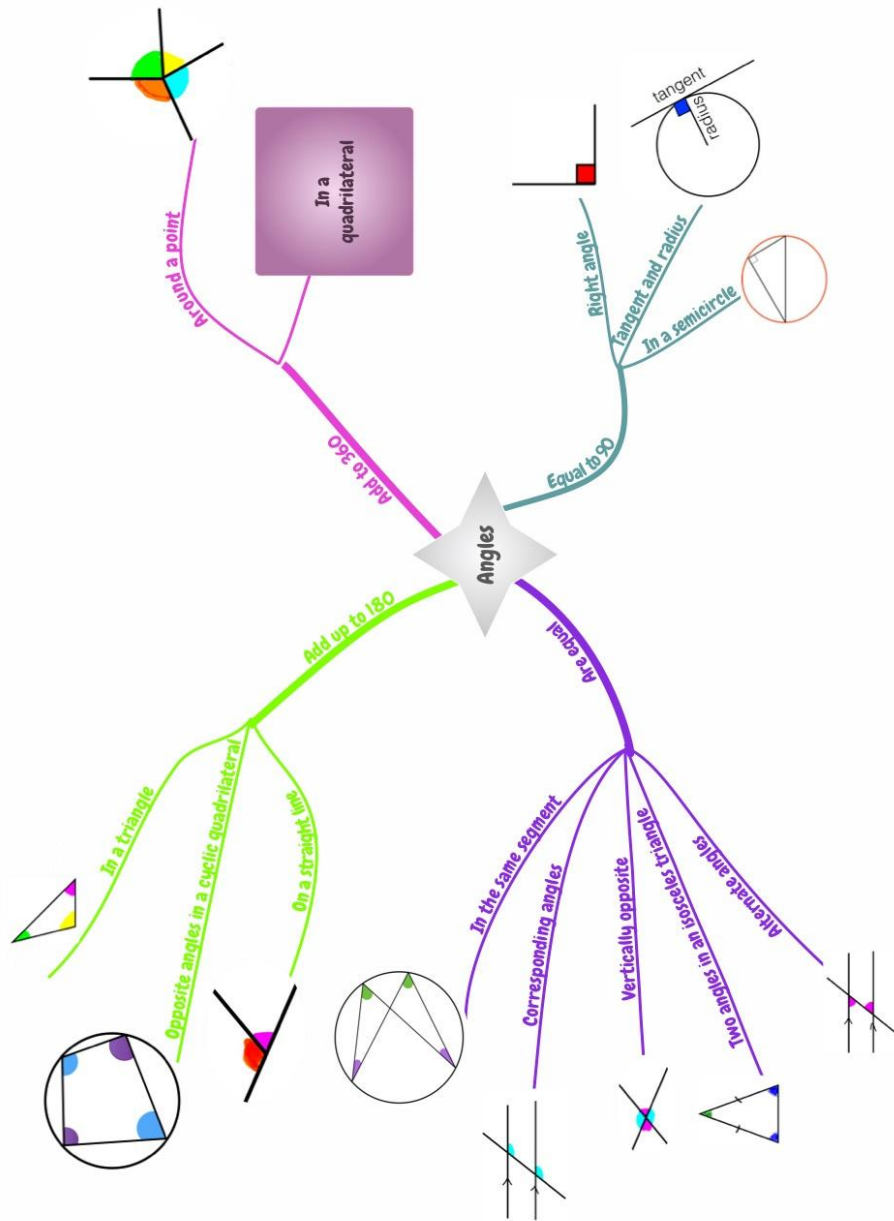


10M1 Maths Weekly Task Grid – Week commencing 27th April

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 Pythagoras & Trigonometry</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> <div style="text-align: center;"></div> <p>3D Trigonometry on MyMaths Website. I know this is tricky, you are good at both topics already, but you have to visualise them now.</p> <p>www.mymaths.co.uk</p> <p>I recommend watching the videos on Corbett as well if you find it difficult, which most will.</p>	<p style="text-align: center;">Task 3</p> <p>Watch the Pythagoras in 3D video on CorbettMaths, have a go at (some) of these and see answers here.</p> <p>Then do the same but with Trigonometry in 3D involved: video is here, questions are here, and answers are here.</p> <p>Hard work this week. Push yourselves.</p>	<p style="text-align: center;">Task 4</p> <p>Create a poster/PowerPoint/revision cards on Pythagoras & Trigonometry</p> <p>Website to help:</p> <p style="text-align: center;">Google</p>
<p style="text-align: center;">Task 5</p> <p>Make a quiz/powerpoint/Kahoot on questions involving Trigonometry & Pythagoras</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>	<div style="text-align: center;"></div> <p style="text-align: center;">Task 6</p> <p>Attend my Zoom lesson.</p> <p>You must send me an email before to confirm you'll be attending.</p> <p>You must use your own name.</p> <p>You don't have to have your video on but use your mic or the chat to answer questions. I'd prefer to hear you as it makes everything move much faster...</p>	<p style="text-align: center;">Task 7</p> <div style="text-align: center;"></div> <p>The patio shown above is to be made with 13 square paving slabs each with side length 0.8 m. It will be edged using edging costing £9.40 per metre.</p> <p>If the paving slabs cost £5.50 each work out the total cost of the slabs and paving.</p>	<div style="text-align: right;"></div> <p style="text-align: center;">Task 8</p> <p>Problem Solving:</p> <p>Ben, Sally and Karen pick apples.</p> <p>Sally picks twice as many apples as Ben.</p> <p>Karen picks nine more apples than Sally.</p> <p>They pick a total of 94 apples.</p> <p>How many apples does Ben pick?</p>
<p style="text-align: center;">Task 9</p> <div style="text-align: center;"></div>	<div style="text-align: center;"></div> <p style="text-align: center;">Task 10</p> <p>Watch The Christmas Lectures video on "How to get Lucky"</p> <p>It is probably not what you're thinking but it's still good.</p>	<p style="text-align: center;">Task 11</p> <p>Answer this Riddle:</p> <p>My daughter has many sisters. She has as many sisters as she has brothers. Each of her brothers has twice as many sisters as brothers. How many sons and daughters do I have?</p>	<div style="text-align: right;"></div> <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</i></p> <p>Scroll down to <i>Exam Style Questions</i></p> <p>And select Pythagoras</p> <p>Do as many questions as you like and then check your answers.</p>



Mind Map

Write details about you in the circles.

