Year 9T Homework – Half Term 2

Homework 1 – Due: _____

Make sure you log on to HegartyMaths for help if you need it.

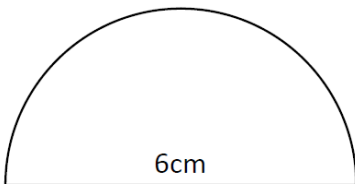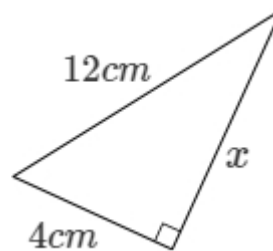|	
<u>Prime Factorisation (29)</u> Write the prime factorisation of 244	<u>Standard Form (123)</u> Express as an ordinary number: Q1) 4.6×10^6 Q2) 6.1×10^{-3} Express in standard form: Q1) 38000 Q2) 0.00054
<u>Area of Circles (541)</u> Find the area to 1 d.p. 6cm	<u>Pythagoras Theorem (498, 499)</u> Find x 12cm x 4cm

Homework 2 – Due: _____

Log onto HegartyMaths to watch the video and complete the quiz online. **Topic:** _____

My score was: _____

Homework 3 – Due: _____

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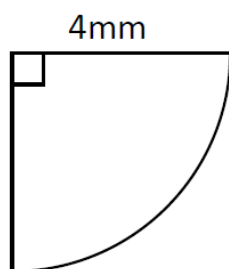|	
<u>Prime Factorisation (29)</u>	<u>Standard Form (124)</u>
Write the prime factorisation of 325	Express in standard form: $$0.2 \times 10^5$$

<u>Area of Circles (541)</u>

Find the area to 1 d.p.

4mm

<u>Pythagoras Theorem (498, 499)</u>

Find x

x   18 cm

15 cm   9 cm
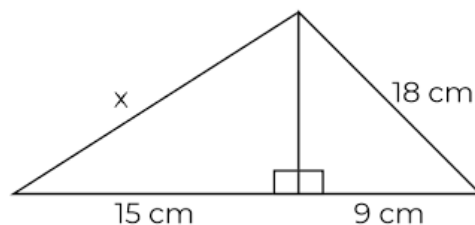
Homework 4 – Due: _____

Log onto HegartyMaths to watch the video and complete the quiz online. **Topic:** _____

My score was: _____

Homework 5 – Due: _____

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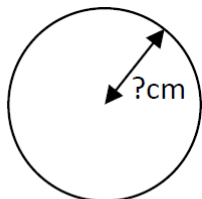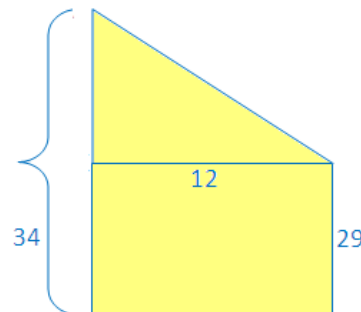|	
<u>Prime Factorisation (29)</u> Write the prime factorisation of 3205	<u>Standard Form (123)</u> Earth is $\approx 1.5 \times 10^8 km$ from the sun. Saturn is $\approx 1.4 \times 10^9 km$ from the sun. Which planet is further from the sun?
<u>Area of Circles (540)</u> Find the radius (1 d.p) ?cm Area = 25cm^2	<u>Pythagoras Theorem (498, 499)</u> Find the perimeter 12 34 29

Homework 6 – Due: _____

Log onto HegartyMaths to watch the video and complete the quiz online. **Topic:** _____

My score was: _____

Extension

Have you finished? Are you finding it too easy?
Go to https://parallel.org.uk/ and look at the puzzles for your year group on the left. Show your answers on this page.