

Year 9T Homework – Half Term 2

Homework 1 – Due: _____

Make sure you log on to HegartyMaths for help if you need it.
The clip number is shown with the topic.

Prime Factorisation (29)

Write the prime factorisation of 244

Standard Form (123)

Express as an ordinary number:

Q1) 4.6×10^6

Q2) 6.1×10^{-3}

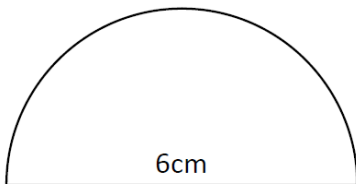
Express in standard form:

Q1) 38000

Q2) 0.00054

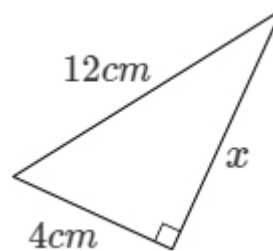
Area of Circles (541)

Find the area to 1 d.p.



Pythagoras Theorem (498, 499)

Find x



Homework 2 – Due: _____

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

My score was: _____

Homework 3 – Due: _____

Make sure you log on to HegartyMaths for help if you need it.
The clip number is shown with the topic.

Prime Factorisation (29)

Write the prime factorisation of 325

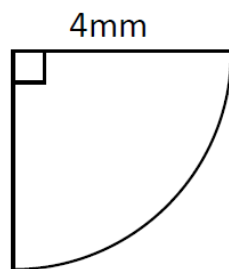
Standard Form (124)

Express in standard form:

$$0.2 \times 10^5$$

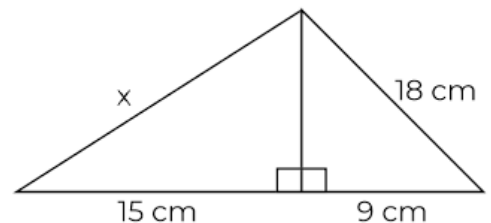
Area of Circles (541)

Find the area to 1 d.p.



Pythagoras Theorem (498, 499)

Find x



Homework 4 – Due: _____

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

My score was: _____

Homework 5 – Due: _____

Make sure you log on to HegartyMaths for help if you need it.
The clip number is shown with the topic.

Prime Factorisation (29)

Write the prime factorisation of 3205

Standard Form (123)

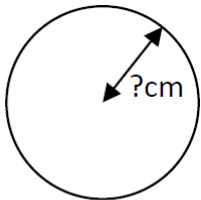
Earth is $\approx 1.5 \times 10^8 km$ from the sun.

Saturn is $\approx 1.4 \times 10^9 km$ from the sun.

Which planet is further from the sun?

Area of Circles (540)

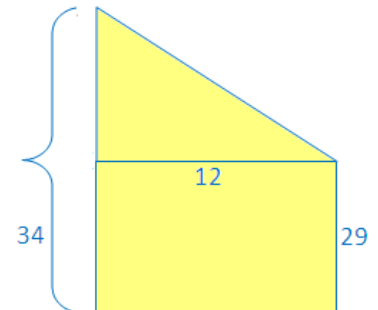
Find the radius (1 d.p)



Area = $25cm^2$

Pythagoras Theorem (498, 499)

Find the perimeter



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.