

# Year 8H Homework – Half Term 2

## Homework 1 – Due: \_\_\_\_\_

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

Solving Equations (179)

Solve:  $12x + 11 = 59$

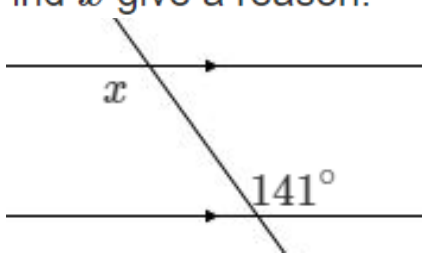
Finding nth Terms (198)

Find the nth term:

8, 10, 12, 14

Angles in Parallel Lines (480-483)

Find  $x$  give a reason:



Using Brackets (160)

Expand:

$6(7t - 8)$

## 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.

Solving Equations (179)

Solve:  $6x + 12 = 84$

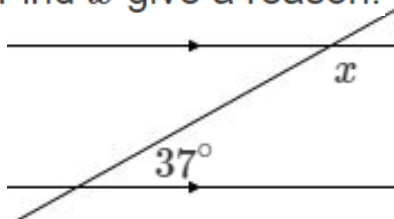
Finding nth Terms (198)

Find the nth term:

3, 11, 19, 27

Angles in Parallel Lines (480-483)

Find  $x$  give a reason:



Using Brackets (168)

Factorise:  $54p + 24$

## 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.

Solving Equations (179)

Solve:  $6x - 10 = 26$

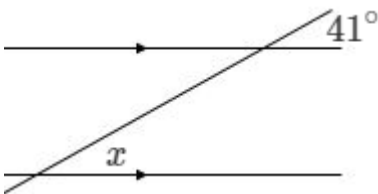
Finding nth Terms (198)

Find the nth term:

21, 19, 17, 15

Angles in Parallel Lines (480-483)

Find  $x$  give a reason:



Using Brackets (168)

Factorise  $10p^2 - 35p$

## 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.