

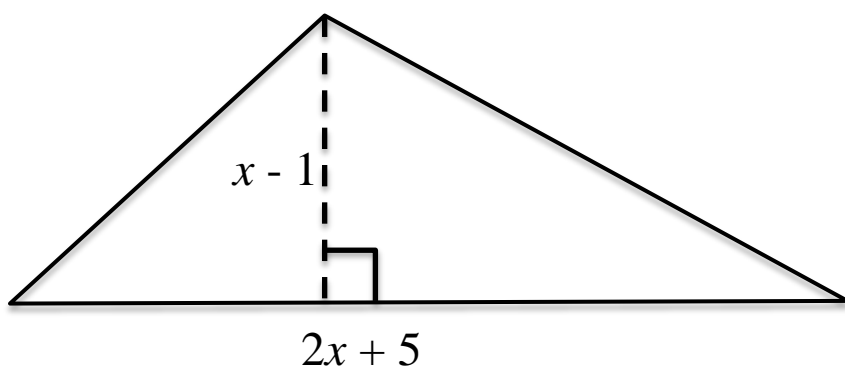
Please attempt the following questions in preparation for the online session on 9<sup>th</sup> November 2017.

Q1

Expand and simplify  $(5x + 2)(4x - 3)$ .

Q2

Find an expression for the area of the triangle below.



Q3

Expand and simplify  $(2x + 3)(x^2 - 4x + 1)$ .

Q4

Factorise  $4x^2 - 25$ .

Q5

Factorise  $2x^2 - x - 10$ .

Q6

Factorise  $3g^2 - 48$ .