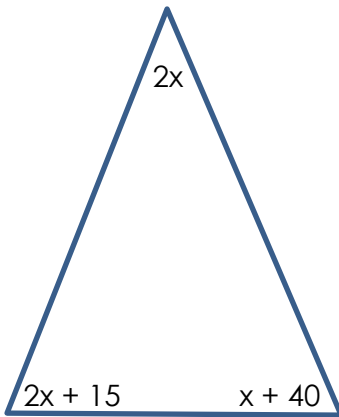


YEAR 11 MINI-ASSESSMENT 2
HIGHER – ALGEBRA

1. The sizes of the angles (in degrees) of this triangle are
 $2x$, $2x + 15$, $x + 40$
Work out the value of x .



[3 marks]

2. Solve the equation $3(2x - 5) = 5(3 - 4x)$

[3 marks]

3. Solve the equation $\frac{3x+2}{4} - \frac{x-1}{6} = \frac{x-3}{3}$

[4 marks]