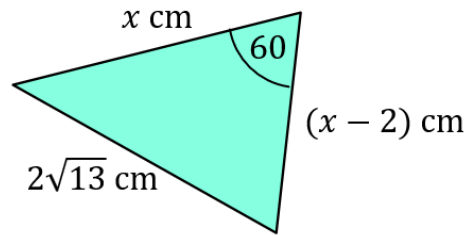


Algebraic Problems Involving Sine and Cosine Rules

(a)

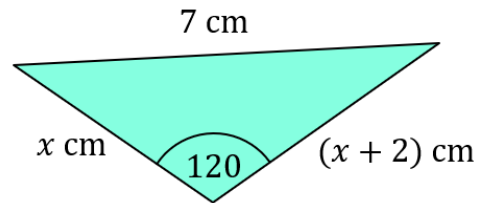
Find the value of x



$$x = 8$$

(b)

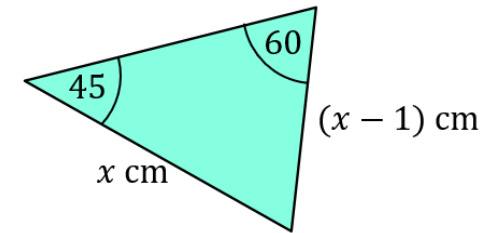
Find the value of x



$$x = 3$$

(c)

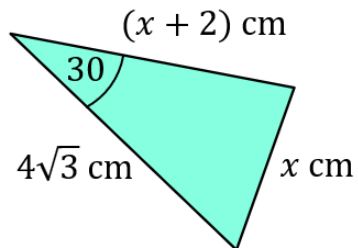
Find the value of x



$$x = 3 + \sqrt{6}$$

(d)

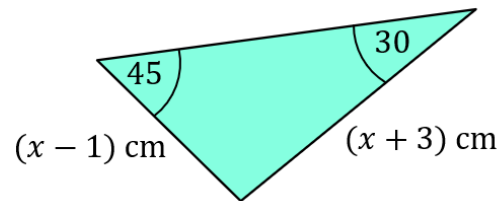
Find the value of x



$$x = \frac{7}{2}$$

(e)

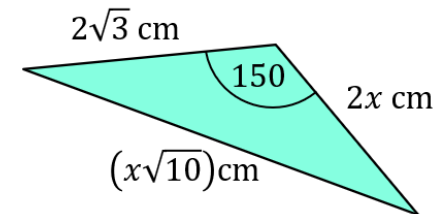
Find the value of x



$$x = 5 + 4\sqrt{2}$$

(f)

Find the value of x



$$x = 1 + \sqrt{3}$$