Algebraic Problems involving Sine and Cosine Rules		
(a)	(b)	(c)
Find the value of x	Find the value of x	Find the value of x
$x \text{ cm} = 60$ $2\sqrt{13} \text{ cm} = (x-2) \text{ cm}$	$x \text{ cm} \qquad (x+2) \text{ cm}$	(x-1) cm
x = 8	x = 3	$x = 3 + \sqrt{6}$
(d)	(e)	(f)
Find the value of x	Find the value of x	Find the value of x
$(x + 2) \text{ cm}$ $4\sqrt{3} \text{ cm}$ $x \text{ cm}$	(x-1) cm $(x+3)$ cm	$ \begin{array}{c} 2\sqrt{3} \text{ cm} \\ \hline (x\sqrt{10}) \text{cm} \end{array} $
$x = \frac{7}{2}$	$x = 5 + 4\sqrt{2}$	$x = 1 + \sqrt{3}$