**Trigonometric graphs ….another example**

**(i)** Plot a graph of y = 4sin(3x - 10°) for 0 ≤ x ≤ 150° using intervals of 10° clearly labelling your axes.

**(ii)** State the amplitude and period of the trigonometric function.

**(iii)** Use your graph to solve 4sin(3x - 10°) = -2 for 0 ≤ x ≤ 150°.

**(iv)** Use your graph to find y when x = 45°.

**(v)** What is the value of y when x = 245°.

