



Show all working – <u>No</u> calculator allowed.



- 1. Sketch the following Trig graphs, $0^\circ \le x^\circ \le 360^\circ$
 - **a)** $y = 3\cos x^{\circ}$ (**b**) $y = 2\sin x$ (**c**) $y = 1.5\cos x$
- 2. State the period for each of these equations:
 - **a**) $y = \sin 2x$ (**b**) $y = \cos 4x$ (**c**) $y = \sin^{1}/_{2}x$

End of Non-Calculator Section



Show all working – Calculator allowed.



- **3.** Solve these equations, $0^\circ \le x^\circ \le 360^\circ$
 - **a**) $2\sin x 1 = 0$ (**b**) $3\cos x + 2 = 0$

(c) $1.5 - 2\sin x = 0$