

Maximum, Minimum & Period

For each of the following functions write down:

- the maximum value
- the minimum value
- the period

(a) $y = \cos x^\circ$

(b) $y = \sin x^\circ$

(c) $y = \tan x^\circ$

Maximum is

Maximum is

Maximum is

Minimum is

Minimum is

Minimum is

Period is

Period is

Period is

(d) $y = 3 \sin x^\circ$

(e) $y = 2 \cos x^\circ$

(f) $y = \sin 2x^\circ$

Maximum is

Maximum is

Maximum is

Minimum is

Minimum is

Minimum is

Period is

Period is

Period is

(g) $y = \cos 3x^\circ$

(h) $y = 2 \sin 3x^\circ$

(i) $y = 3 \cos 2x^\circ$

Maximum is

Maximum is

Maximum is

Minimum is

Minimum is

Minimum is

Period is

Period is

Period is

(j) $y = 4 \cos 3x^\circ$

(k) $y = 3 \sin \frac{1}{2}x^\circ$

(l) $y = 5 \cos \frac{3}{2}x^\circ$

Maximum is

Maximum is

Maximum is

Minimum is

Minimum is

Minimum is

Period is

Period is

Period is

(m) $y = \tan 2x^\circ$

(n) $y = -2 \sin 3x^\circ$

(o) $y = -8 \cos 4x^\circ$

Maximum is

Maximum is

Maximum is

Minimum is

Minimum is

Minimum is

Period is

Period is

Period is