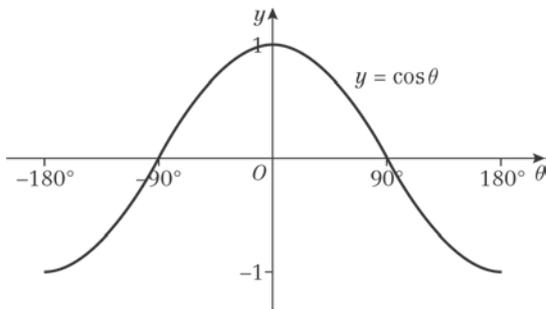
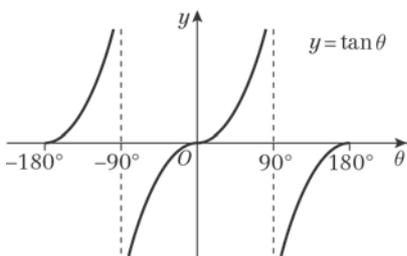


Trigonometric ratios 9F

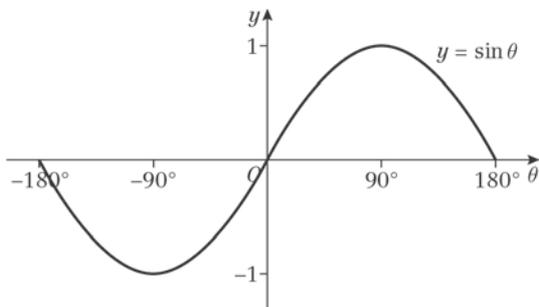
1



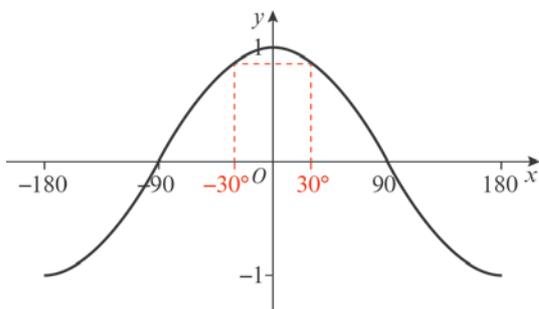
2



3

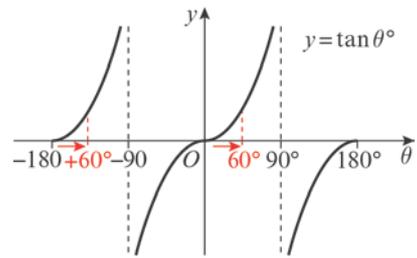


4 a



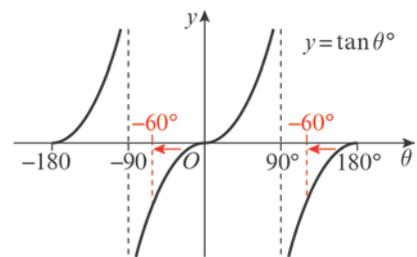
$\theta = -30^\circ$

4 b i

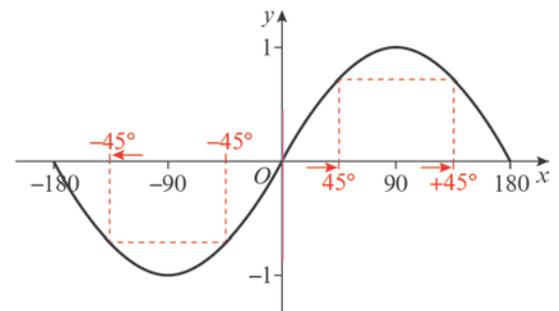


$\theta = -120^\circ, (-180^\circ + 60^\circ)$

ii $\theta = -60^\circ$ or $\theta = 120^\circ$



c i



$\theta = 135^\circ$

ii $\theta = -45^\circ$ or $\theta = 225^\circ$