

Exercise 1Calc. : XSolve in \mathbb{R} :

1. $\sin(x) = -\frac{\sqrt{3}}{2}$

1 mark

2. $\tan\left(2x - \frac{\pi}{5}\right) = -1$

3 marks

3. $\cos^2(x) - \cos(x) - 2 = 0$

3 marks

Exercise 2Calc. : XRésoudre les équations suivantes sur \mathbb{R} :

1. $\sin(x) = -\frac{\sqrt{3}}{2}$

1 mark

2. $\tan\left(2x - \frac{\pi}{5}\right) = -1$

3 marks

3. $\cos^2(x) - \cos(x) - 2 = 0$

3 marks

Exercise 3Calc. : XRisolvi le seguenti equazioni in \mathbb{R} :

1. $\sin(x) = -\frac{\sqrt{3}}{2}$

1 mark

2. $\tan\left(2x - \frac{\pi}{5}\right) = -1$

3 marks

3. $\cos^2(x) - \cos(x) - 2 = 0$

3 marks