

TRIGONOMÉTRIE

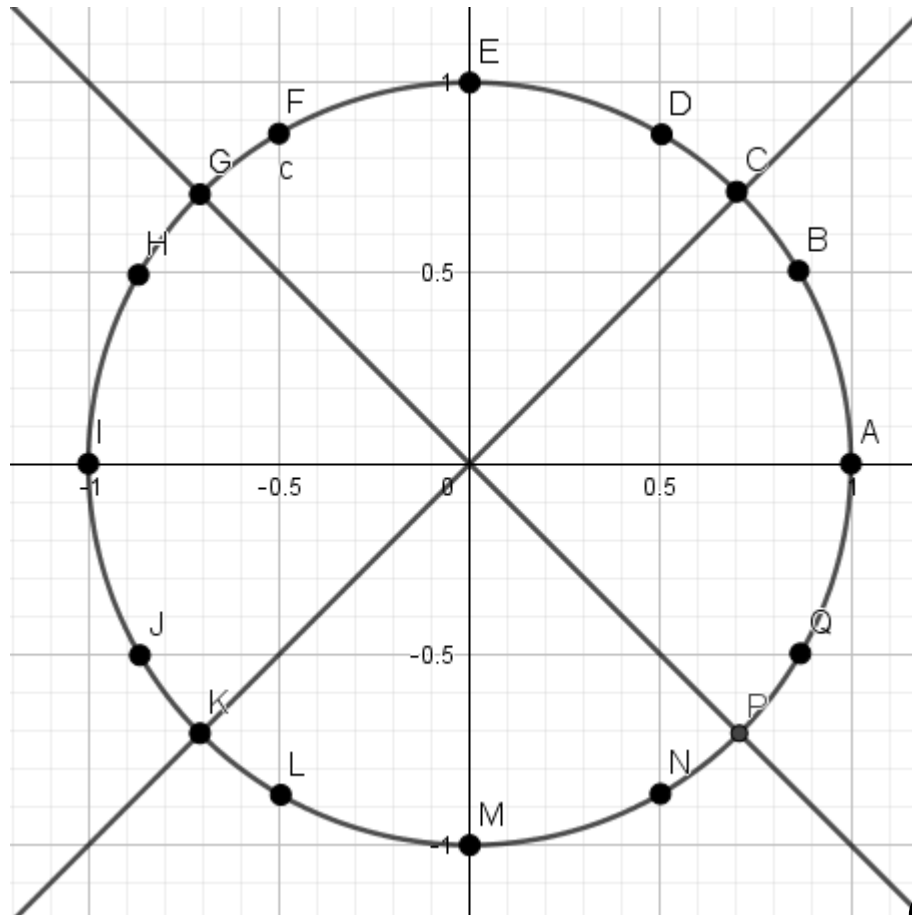
Série 2

Automatismes en BTS – IREM de Clermont-Ferrand

Choisir le ou les points du cercle
trigonométrique correspondant
aux solutions de l'équation
donnée.

Les points correspondant aux solutions de $\cos(x) = \frac{1}{2}$ sont :

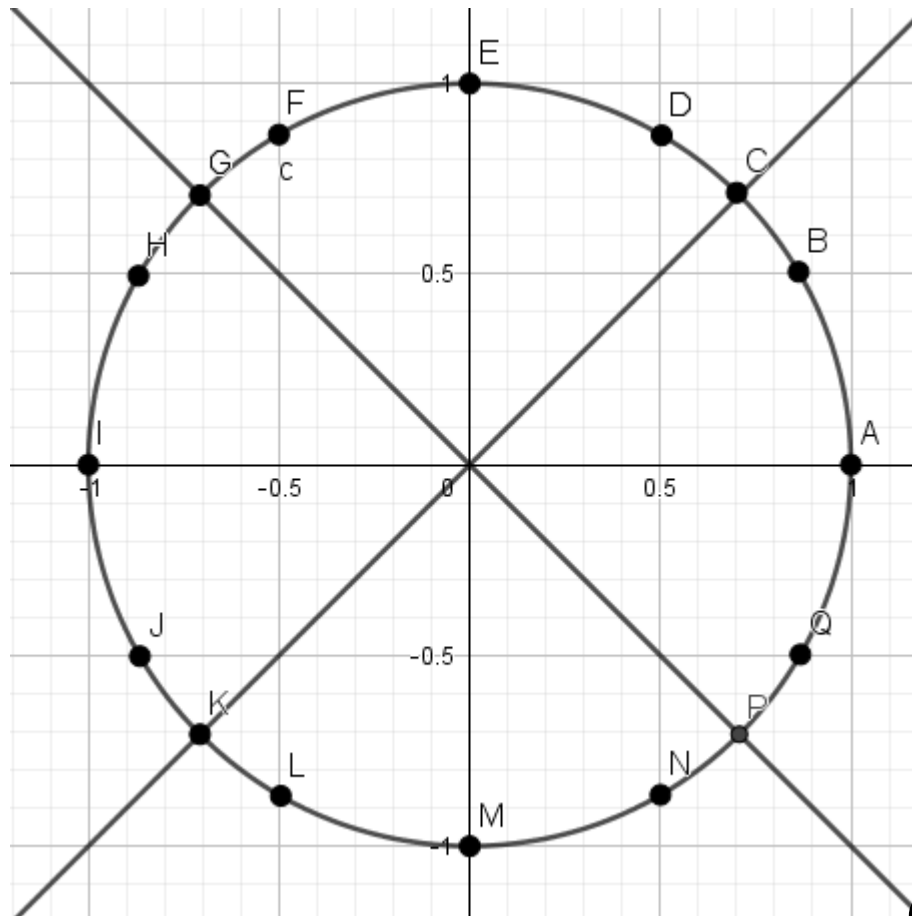
B D N H F



Question 1/8

Les points correspondant aux solutions de $\sin(x) = -\frac{1}{2}$ sont

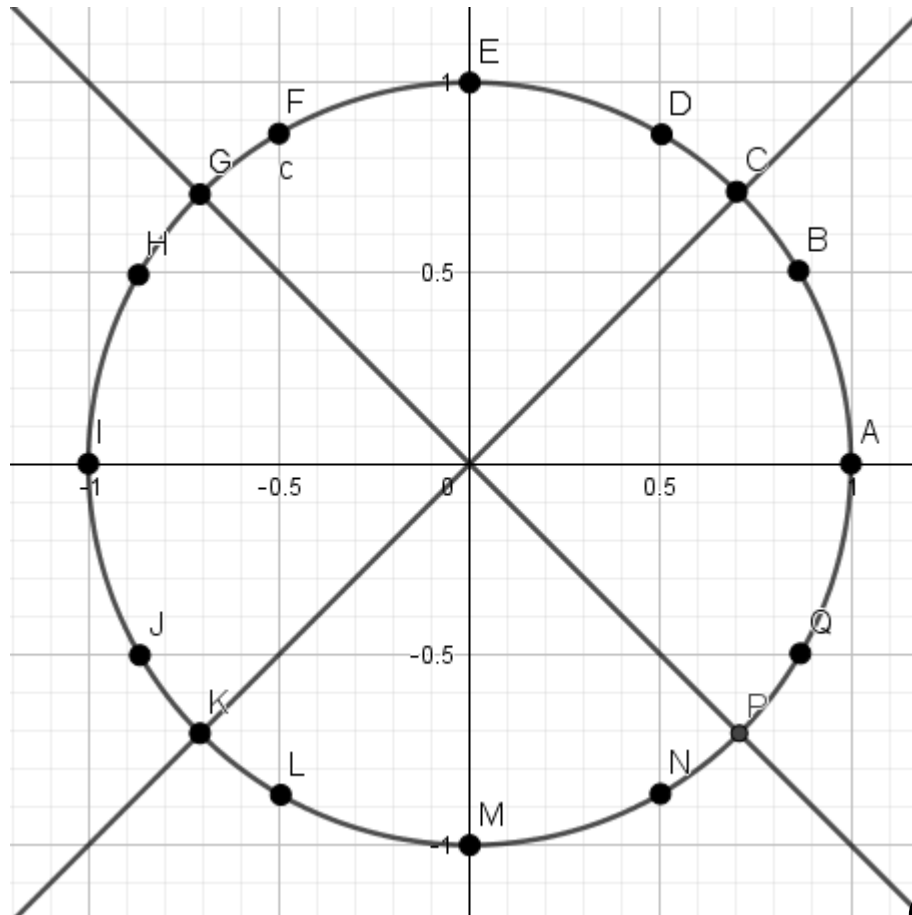
N J F Q B



Question 2/8

Les points correspondant aux solutions de $\cos(x) = -\frac{\sqrt{2}}{2}$ sont

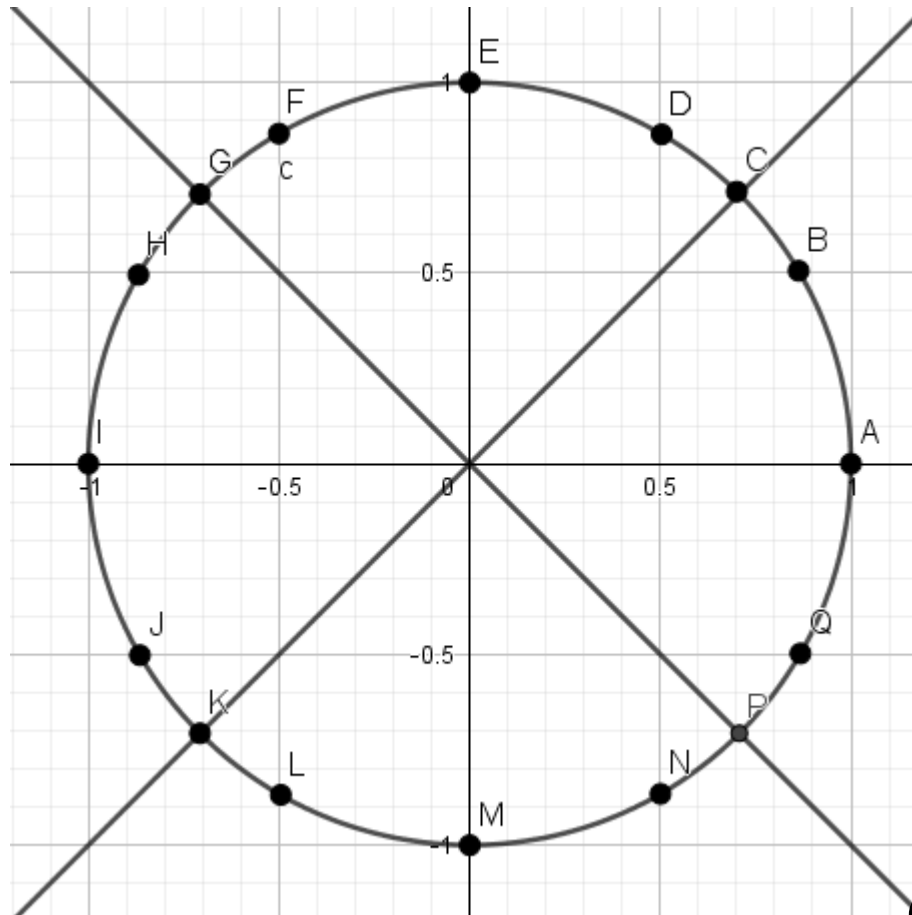
C G F K P



Question 3/8

Les points correspondant aux solutions de $\sin(x) = -\frac{\sqrt{3}}{2}$ sont

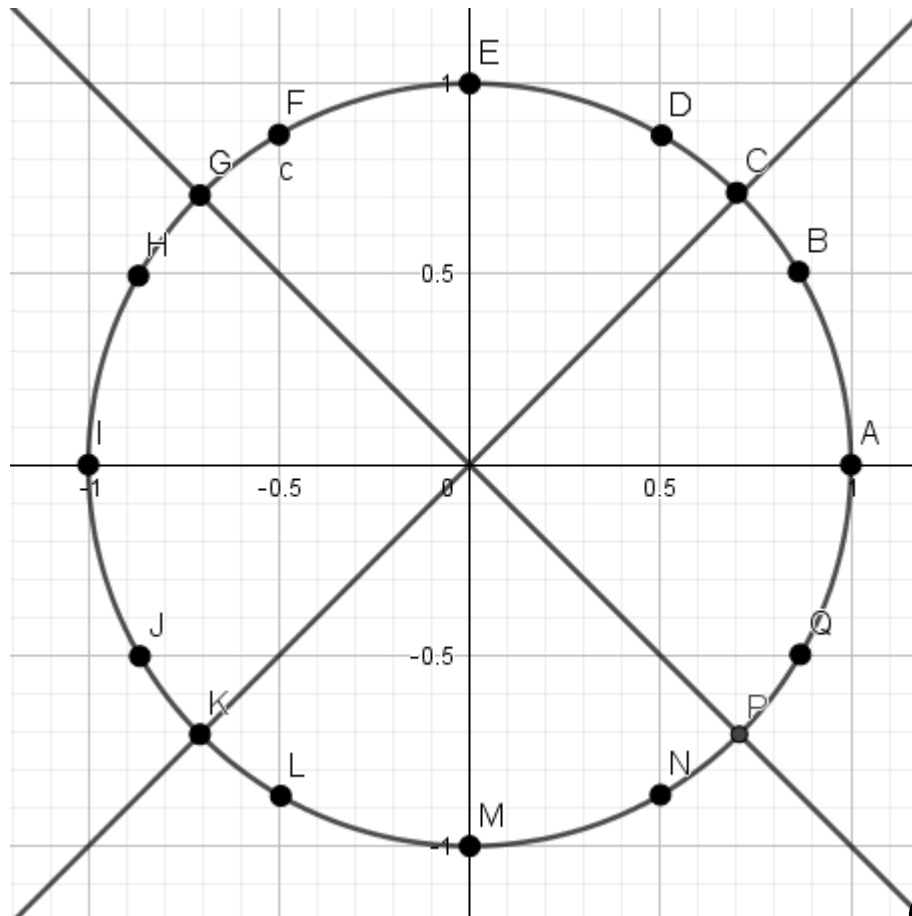
L D J H N



Question 4/8

Les points correspondant aux solutions de $\cos(x) = -1$ sont

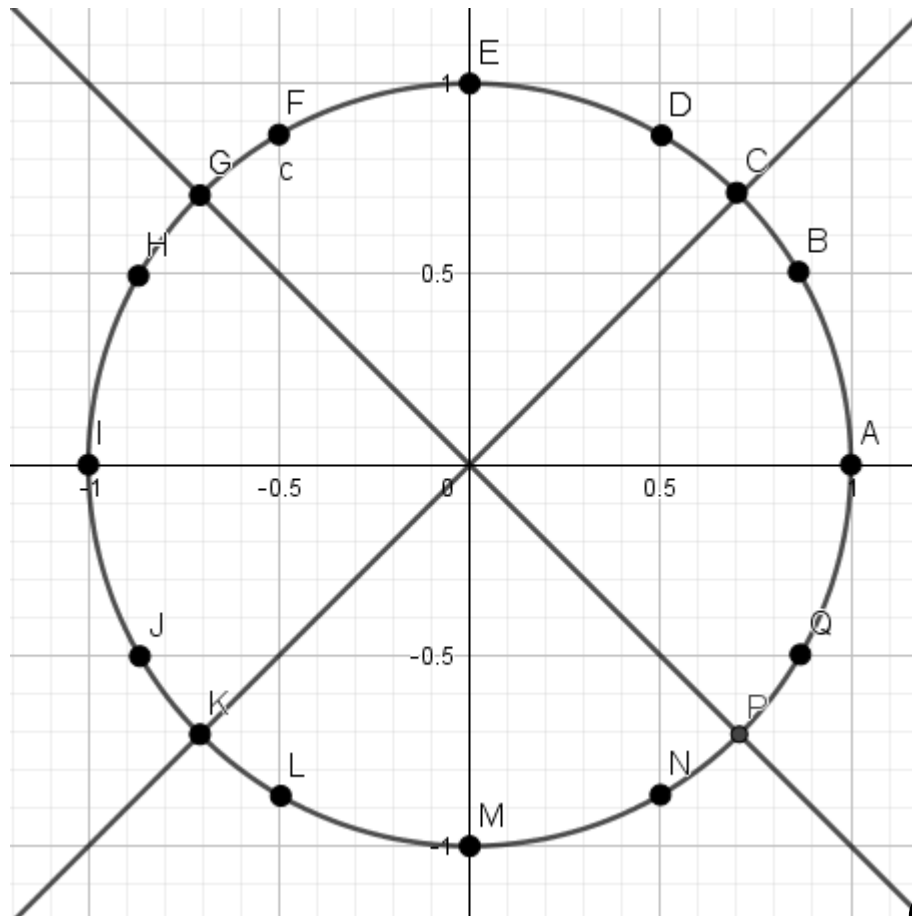
A C I M P



Question 5/8

Les points correspondant aux solutions de $\sin(x) = \frac{\sqrt{2}}{2}$ sont

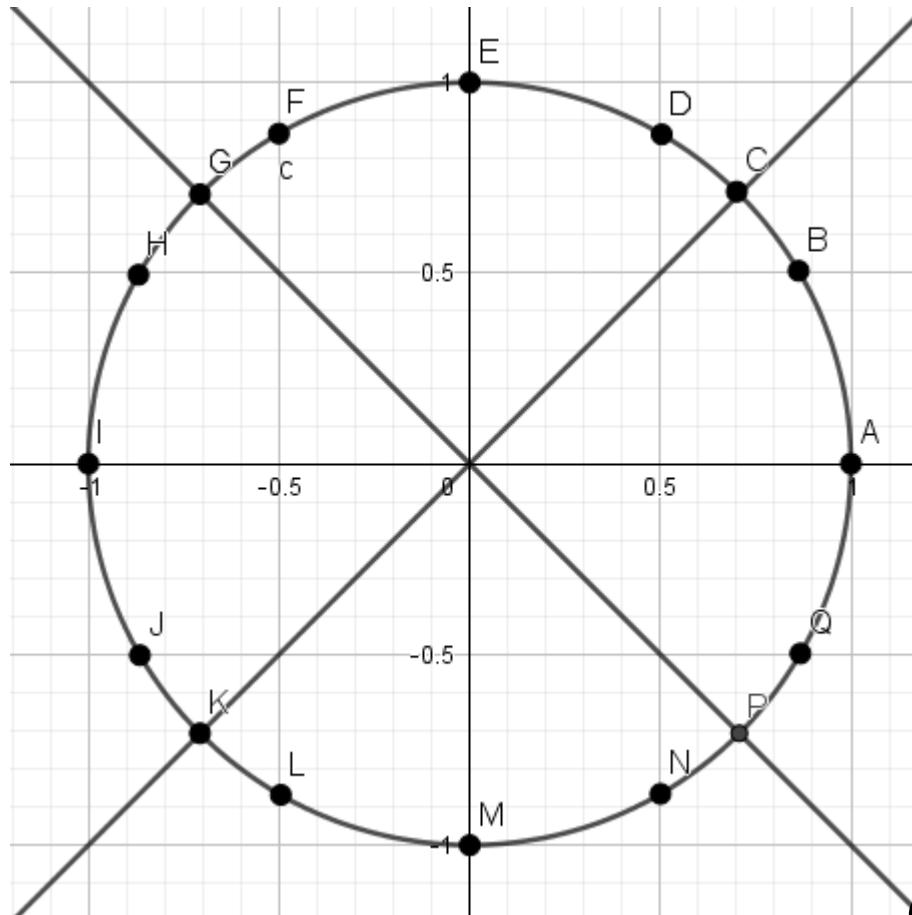
B C D K G



Question 6/8

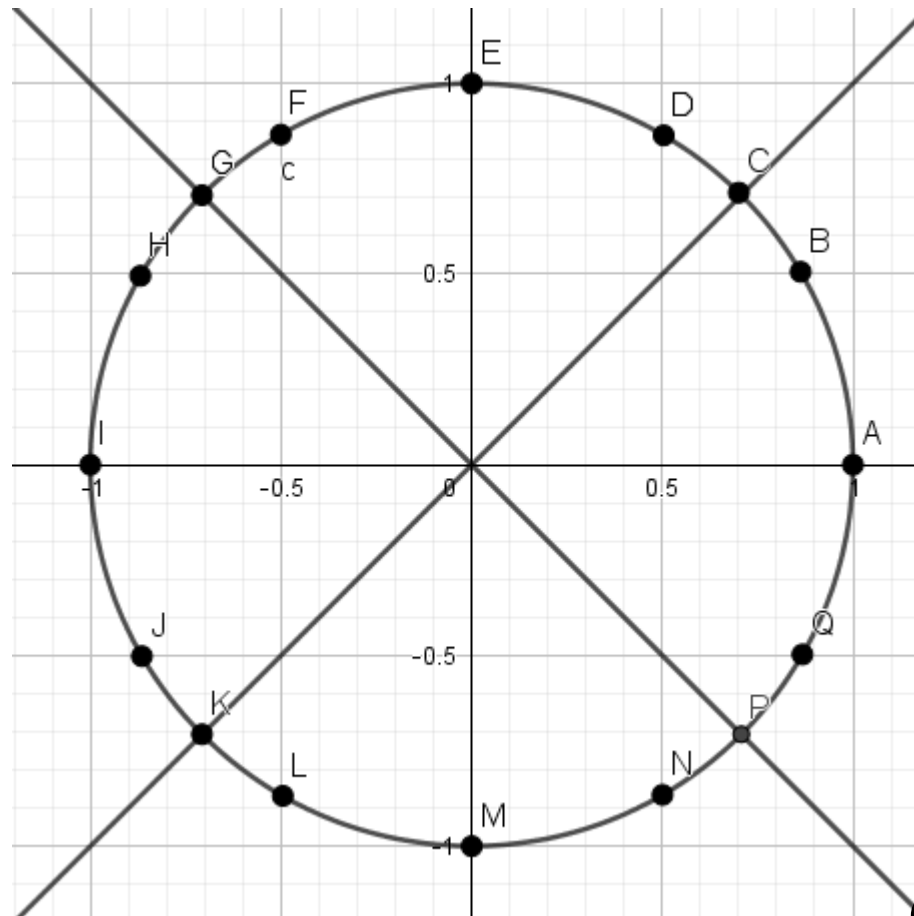
Les points correspondant aux solutions de $\cos(x) = 0$ sont

A C E I M



Question 7/8

Les points correspondant aux solutions de $\sin(x) = 0$ sont
A E G I M

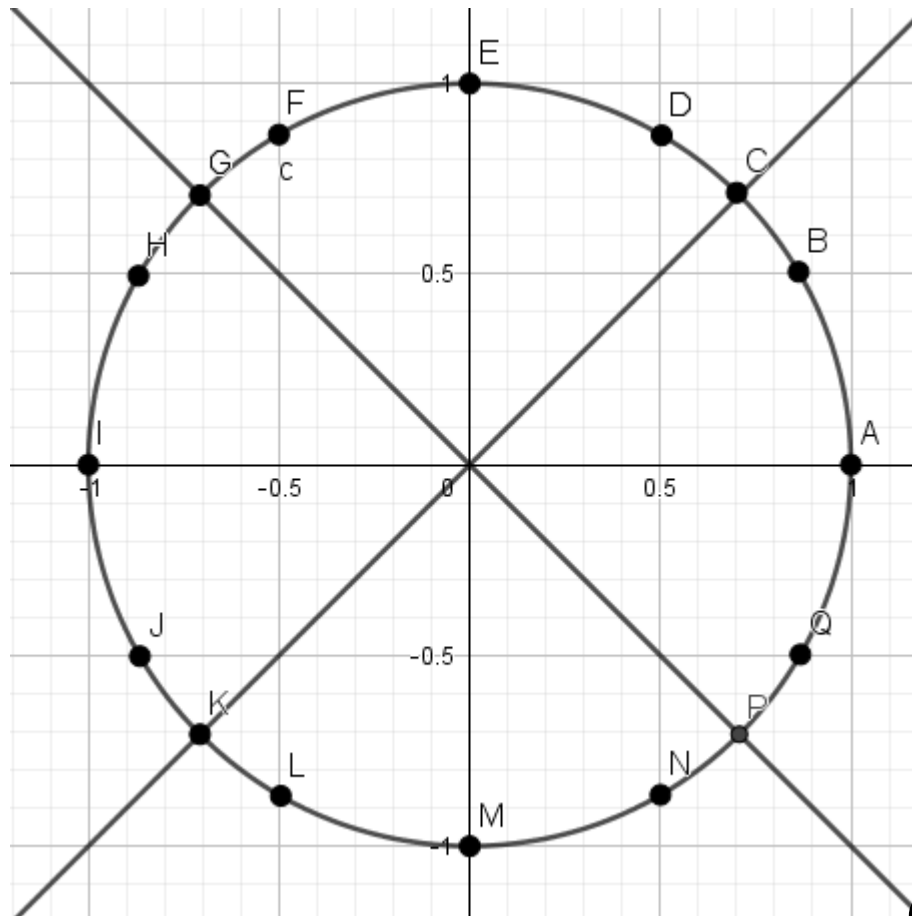


Question 8/8

CORRIGÉS

Les points correspondant aux solutions de $\cos(x) = \frac{1}{2}$ sont

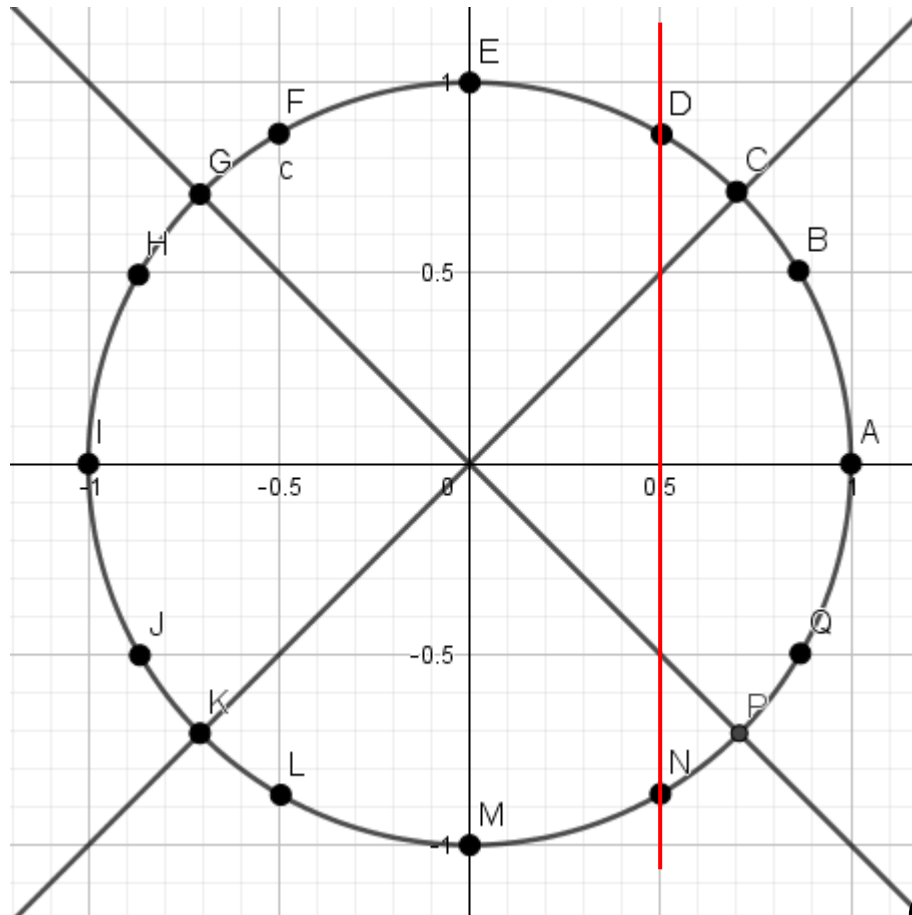
B D N H F



Question 1/8

Les points correspondant aux solutions de $\cos(x) = \frac{1}{2}$ sont

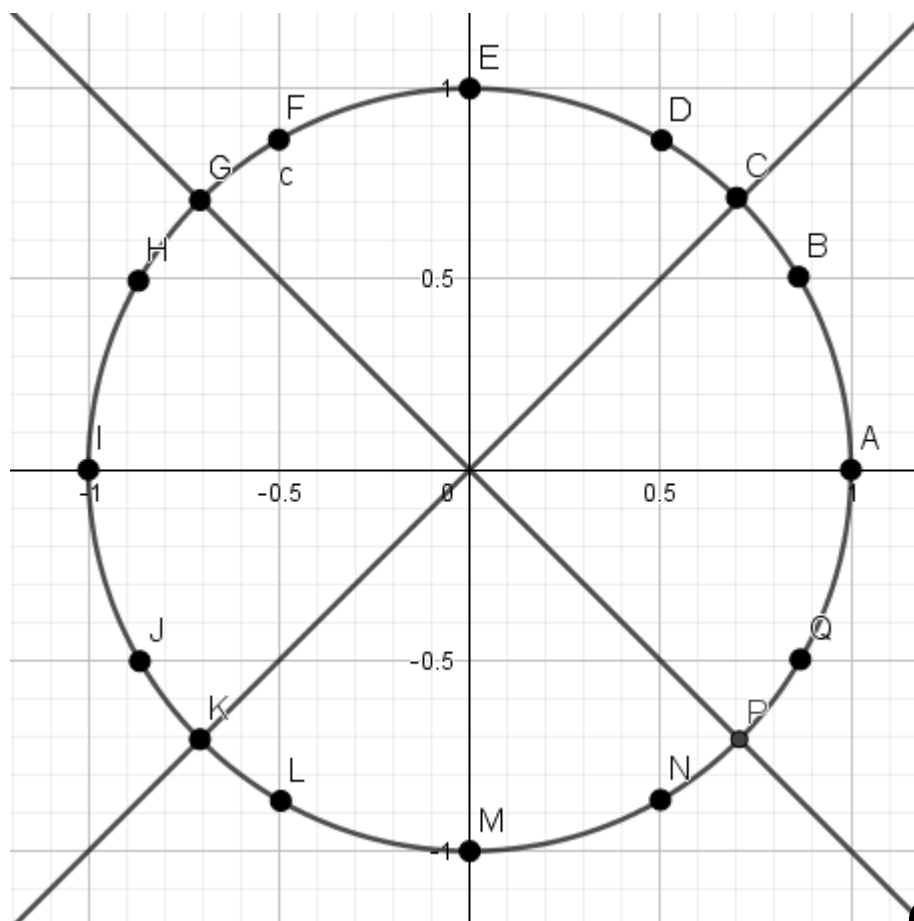
B ✓D ✓N H F



Question 1/8

Les points correspondant aux solutions de $\sin(x) = -\frac{1}{2}$ sont

N J F Q B



Question 2/8

Les points correspondant aux solutions de $\sin(x) = -\frac{1}{2}$ sont

N



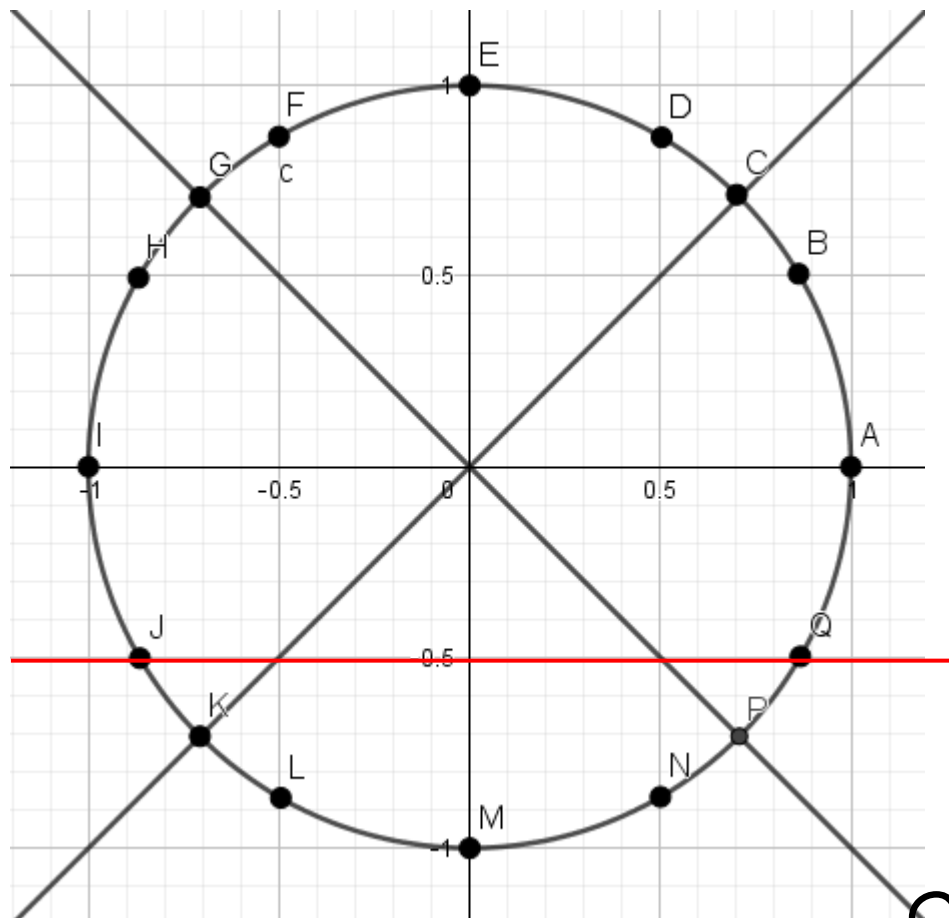
J

F



Q

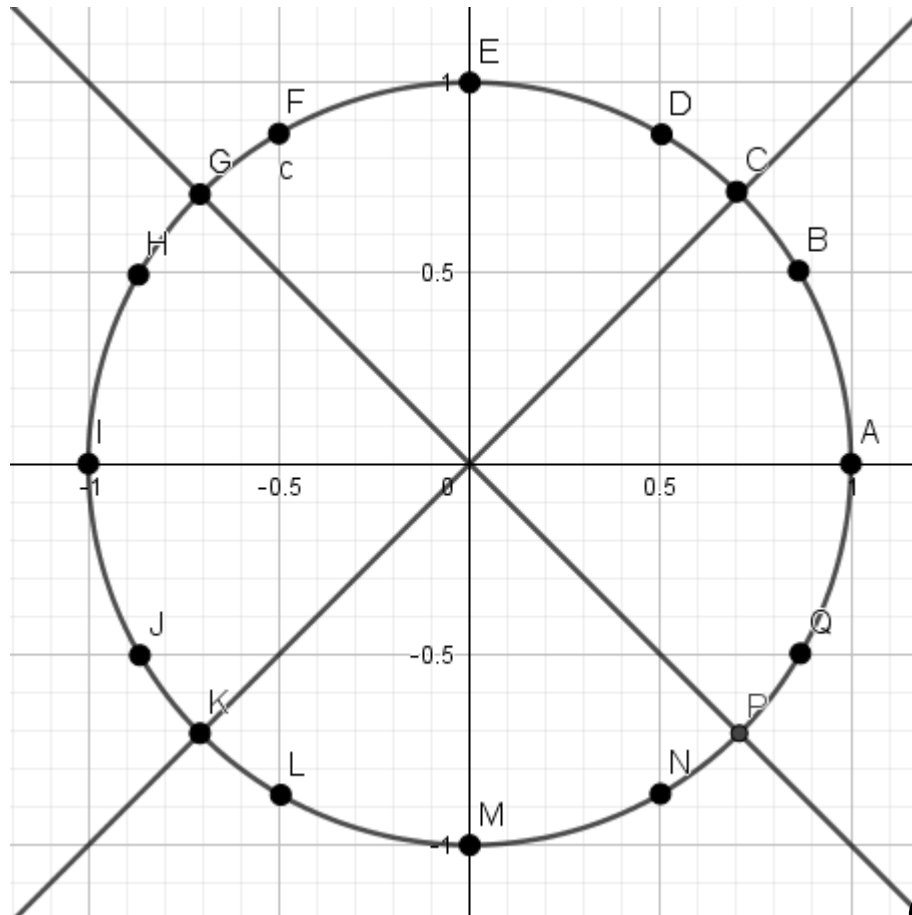
B



Question 2/8

Les points correspondant aux solutions de $\cos(x) = -\frac{\sqrt{2}}{2}$ sont

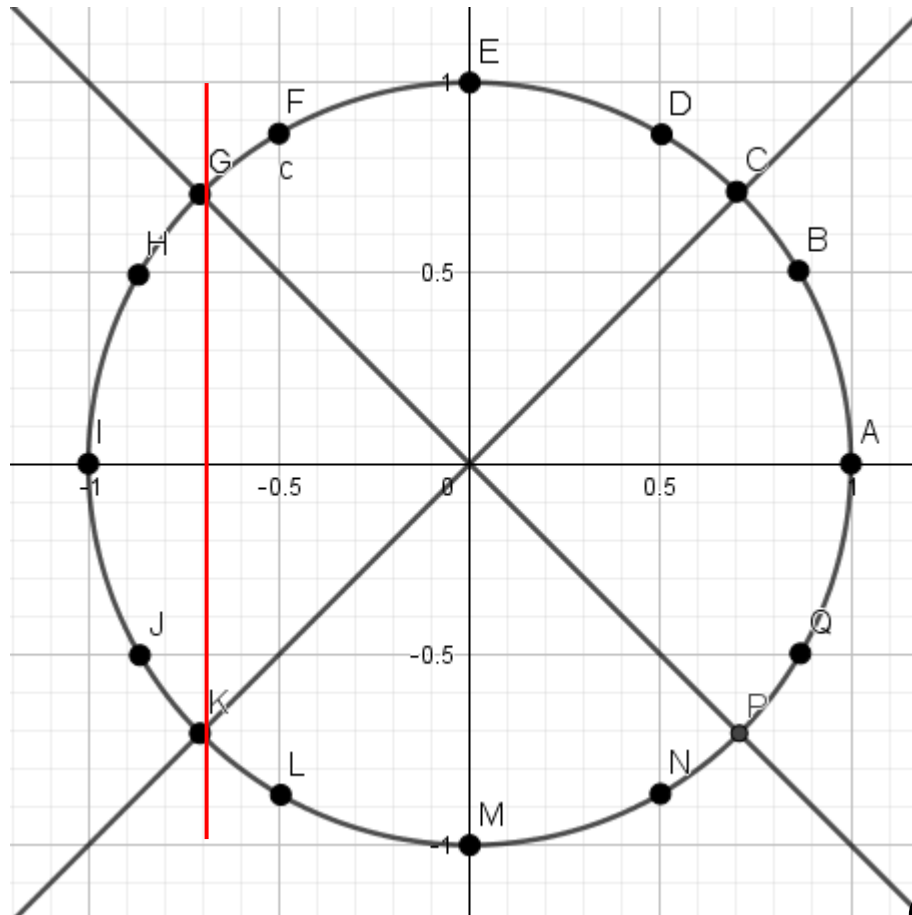
C G F K P



Question 3/8

Les points correspondant aux solutions de $\cos(x) = -\frac{\sqrt{2}}{2}$ sont

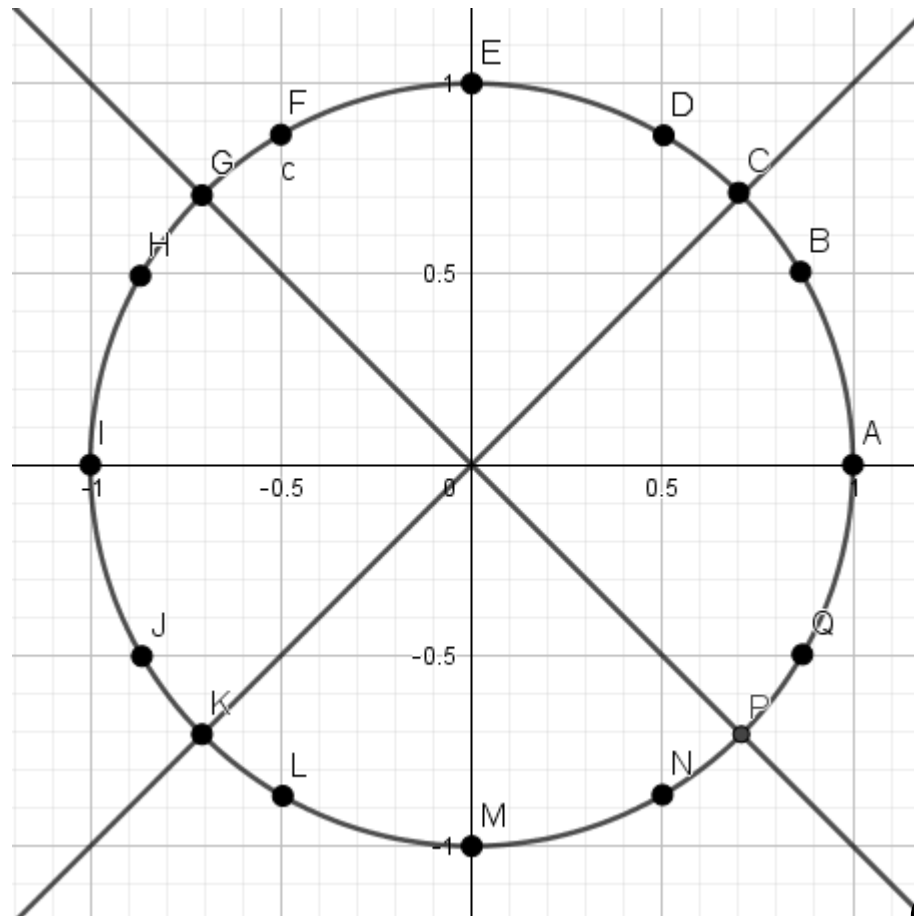
C ✓ G F ✓ K P



Question 3/8

Les points correspondant aux solutions de $\sin(x) = -\frac{\sqrt{3}}{2}$ sont

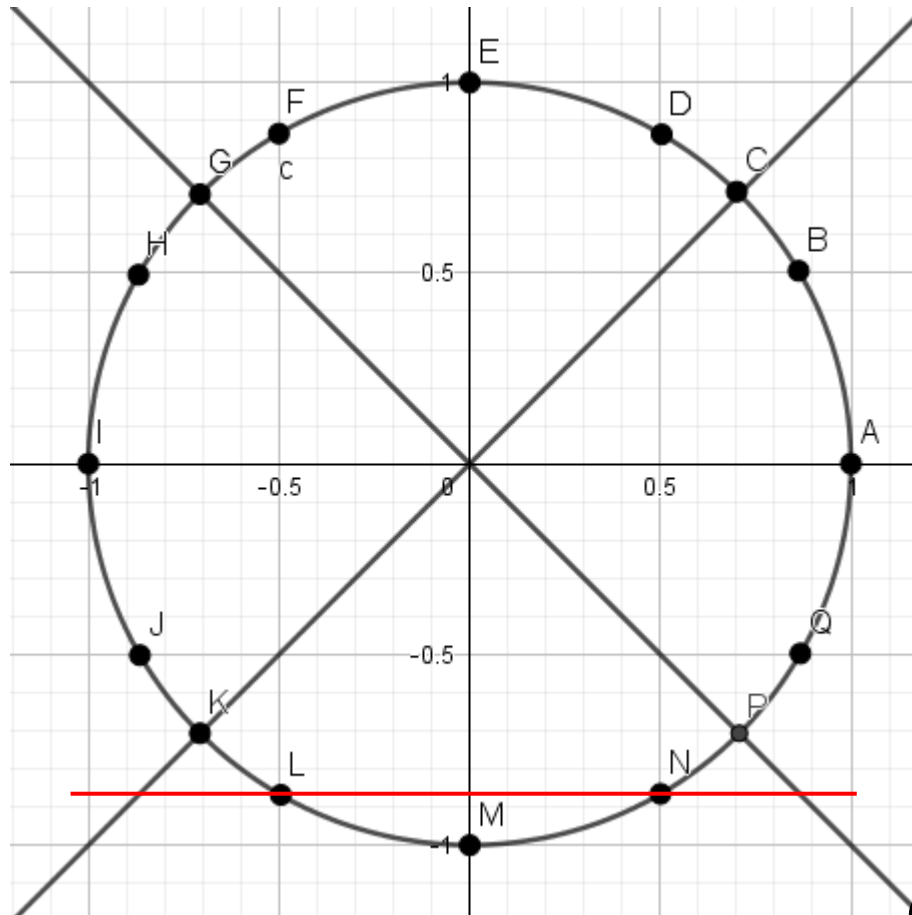
L D J H N



Question 4/8

Les points correspondant aux solutions de $\sin(x) = -\frac{\sqrt{3}}{2}$ sont

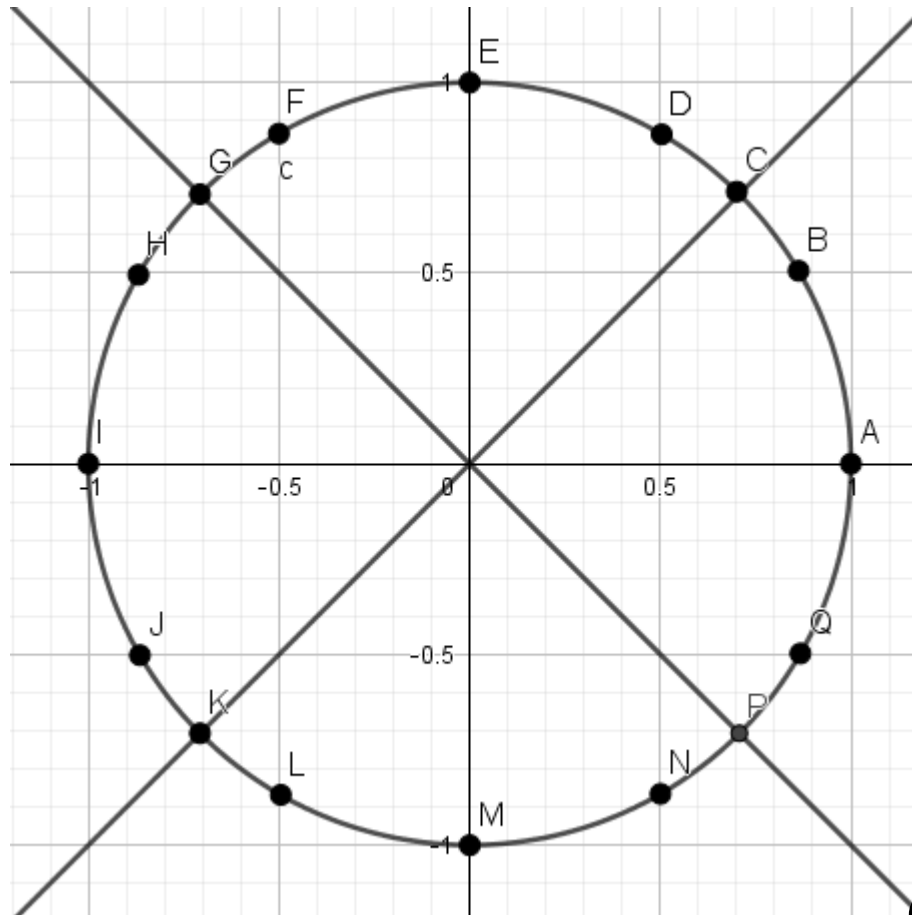
✓ L D J H ✓ N



Question 4/8

Les points correspondant aux solutions de $\cos(x) = -1$ sont

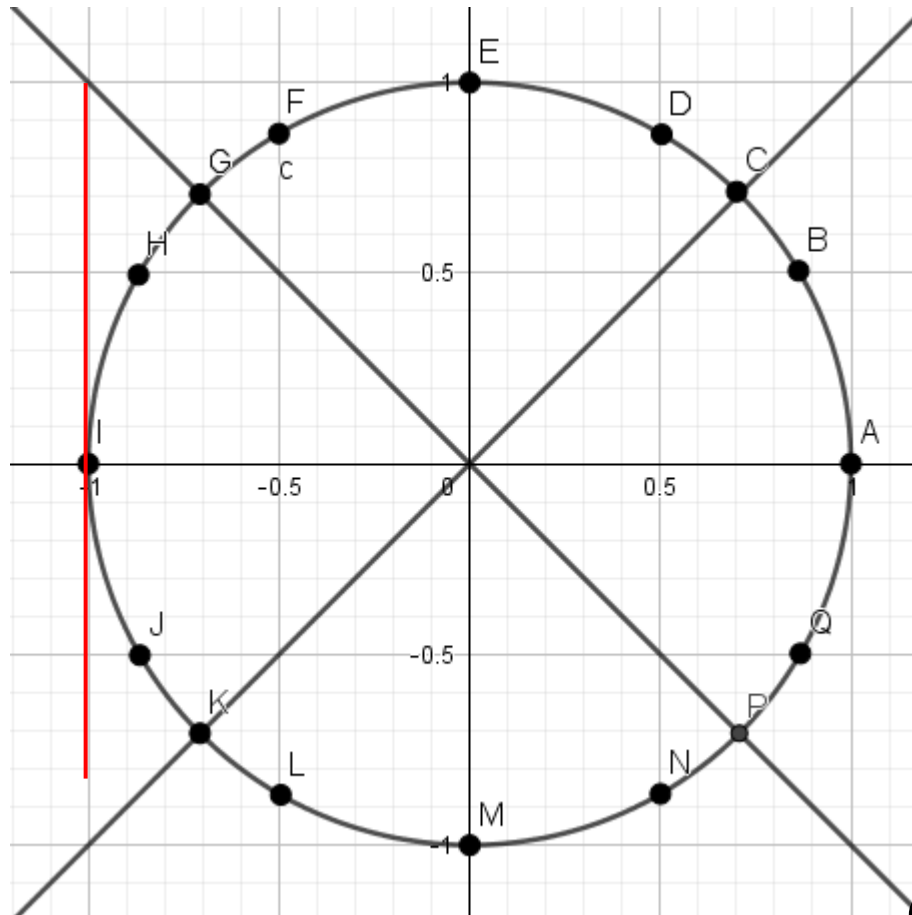
A C I M P



Question 5/8

Les points correspondant aux solutions de $\cos(x) = -1$ sont

A C ✓ I M P



Question 5/8

Les points correspondant aux solutions de $\sin(x) = \frac{\sqrt{2}}{2}$ sont

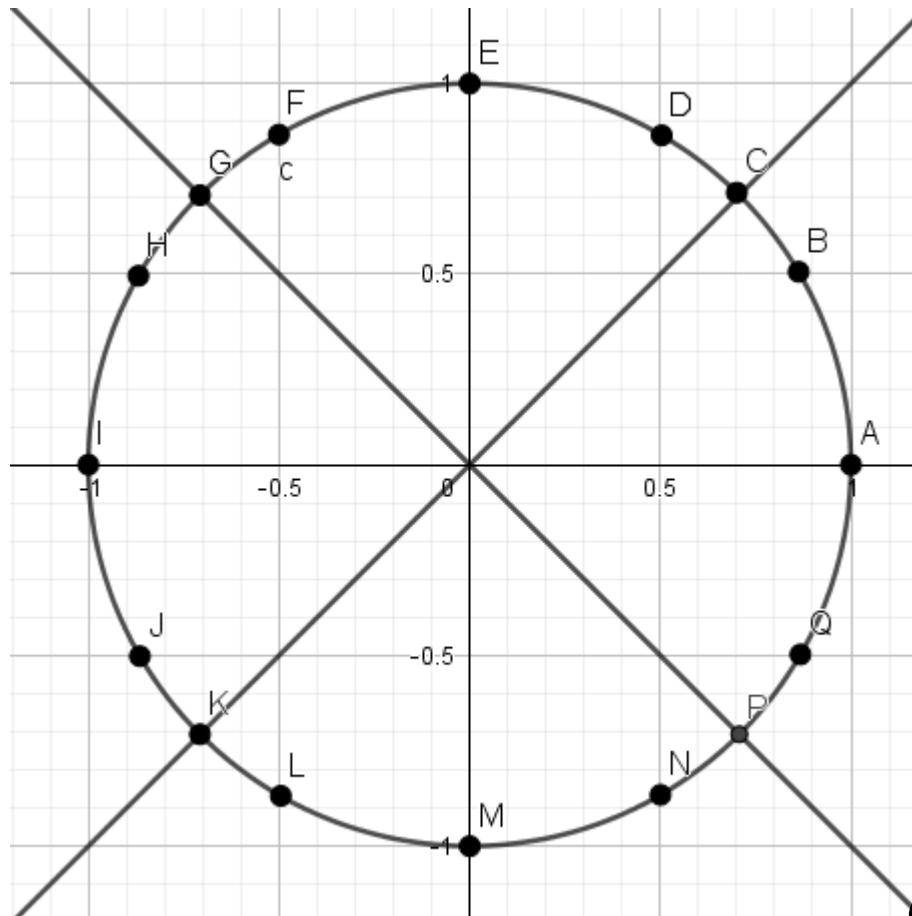
B

C

D

K

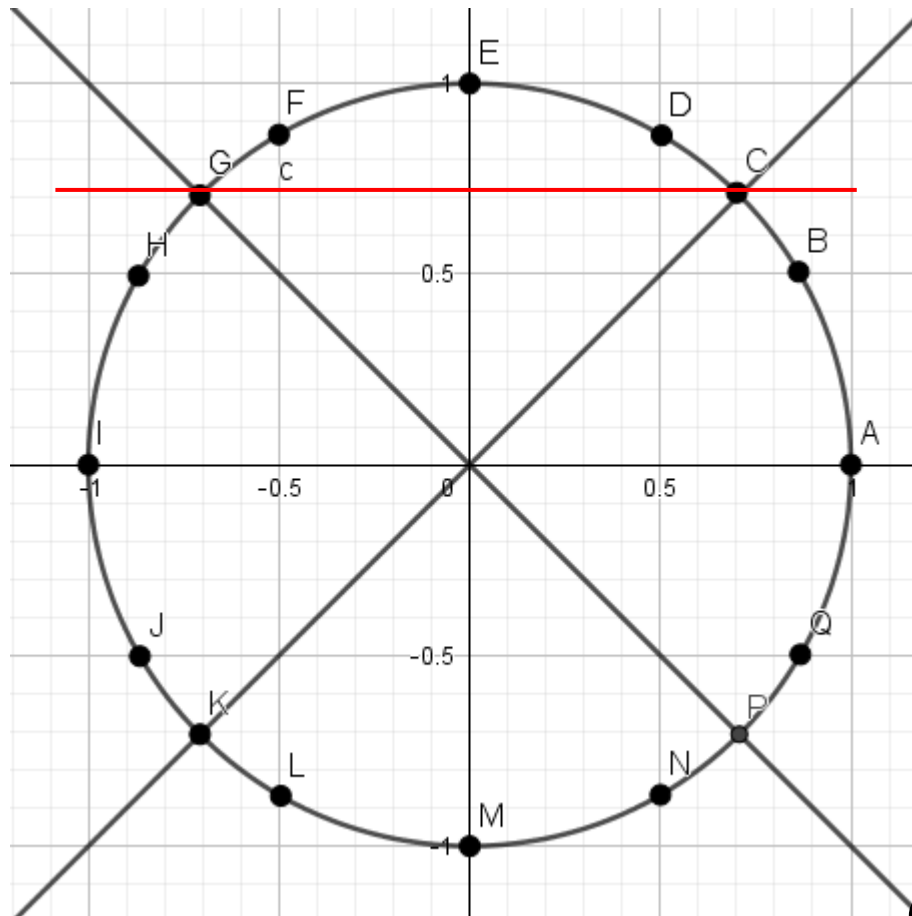
G



Question 6/8

Les points correspondant aux solutions de $\sin(x) = \frac{\sqrt{2}}{2}$ sont

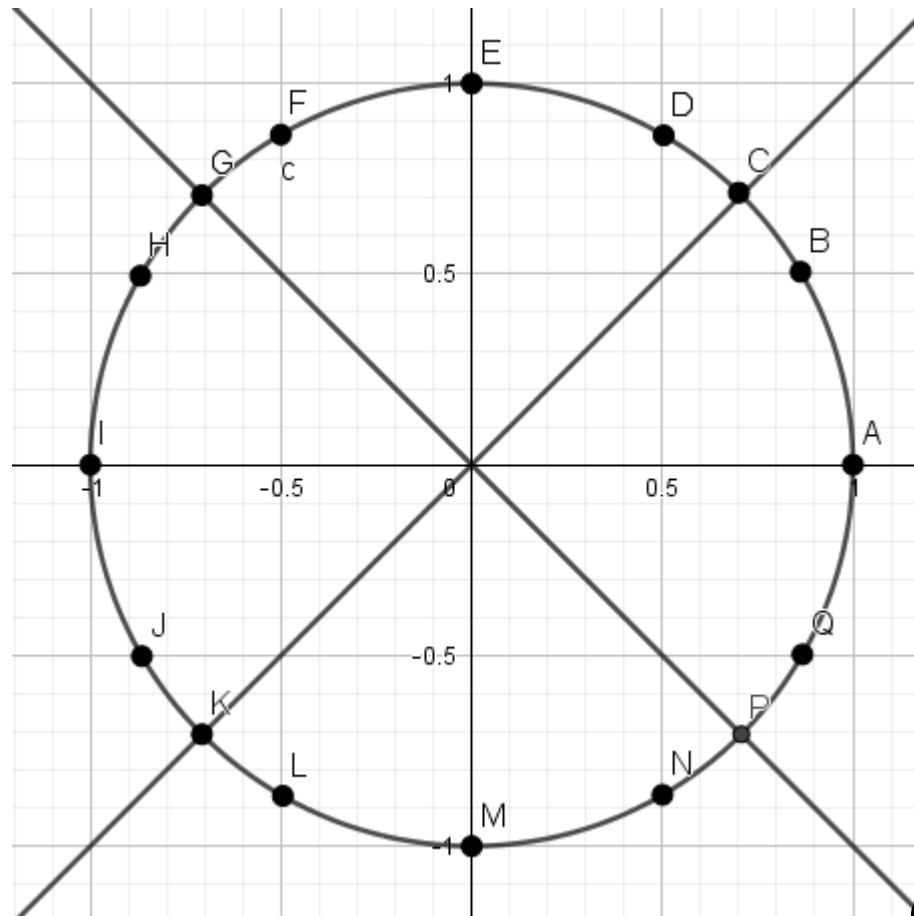
B ✓ C D K ✓ G



Question 6/8

Les points correspondant aux solutions de $\cos(x) = 0$ sont

A C E I M



Question 7/8

Les points correspondant aux solutions de $\cos(x) = 0$ sont

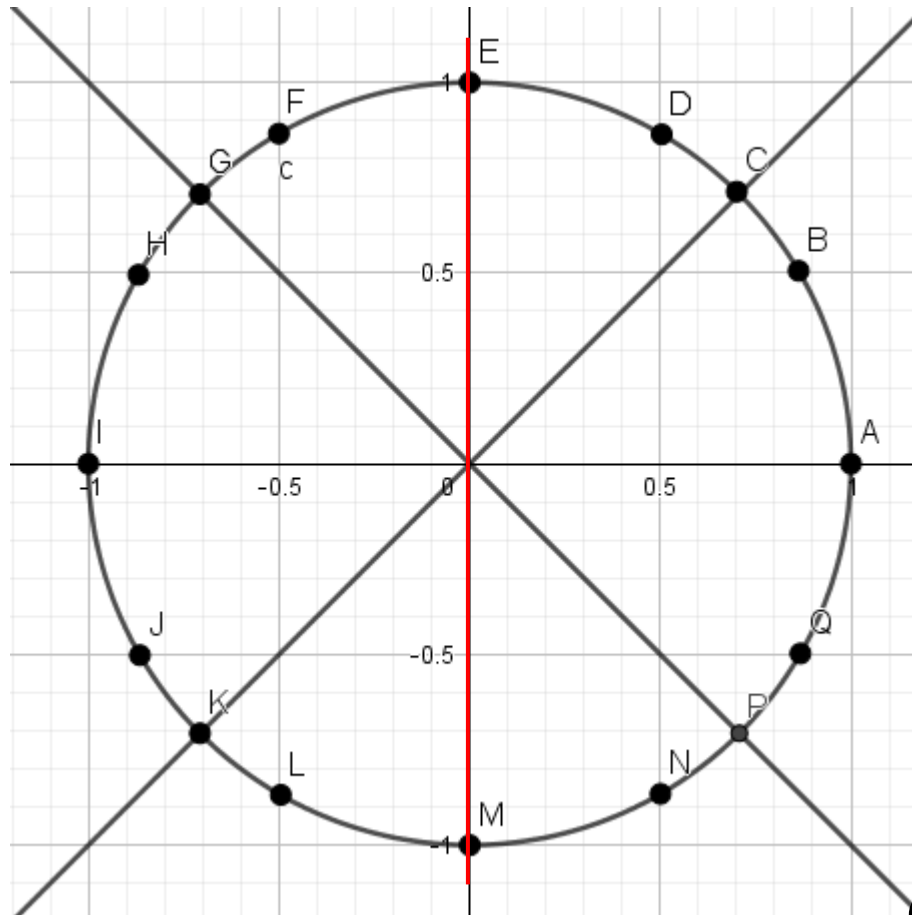
A

C

✓ E

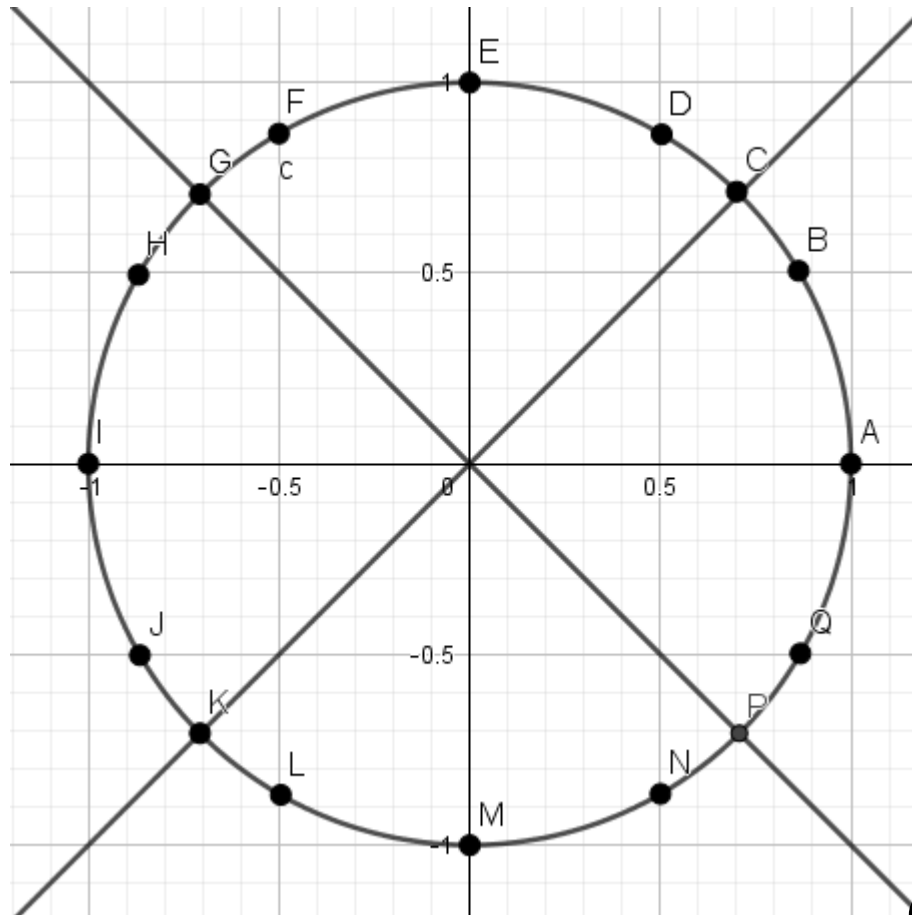
I

✓ M



Question 7/8

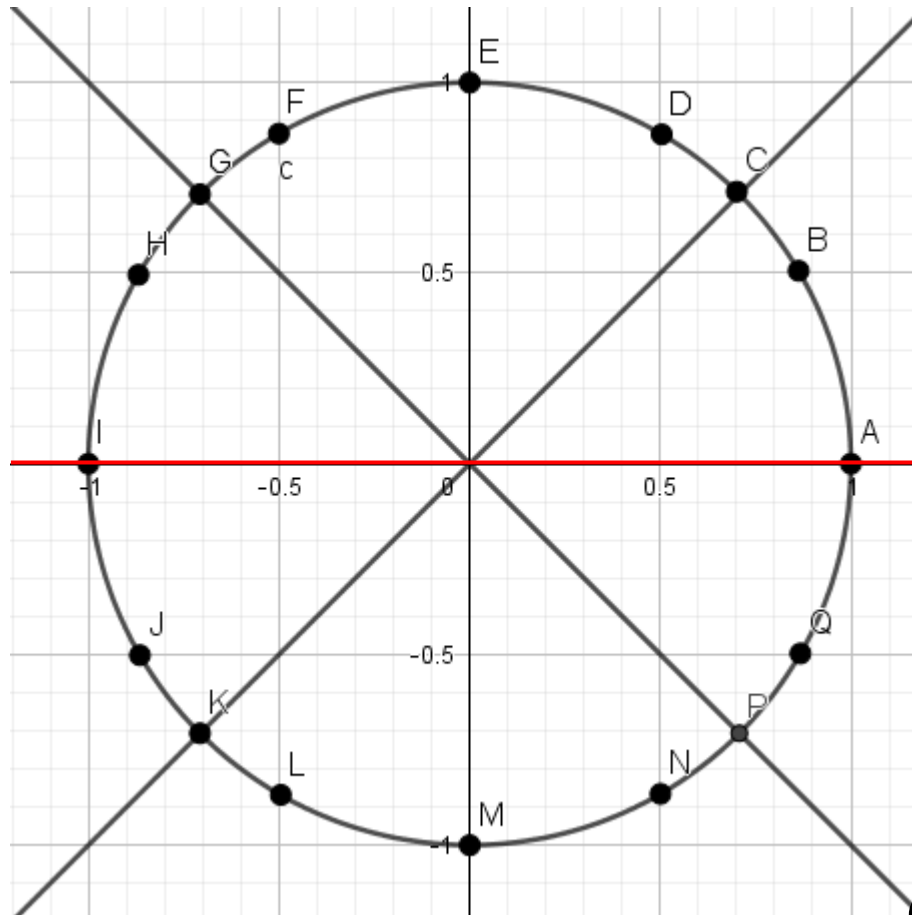
Les points correspondant aux solutions de $\sin(x) = 0$ sont
A E G I M



Question 8/8

Les points correspondant aux solutions de $\sin(x) = 0$ sont

✓ A E G ✓ I M



Question 8/8