

Calculer les nombres A et B :

$$A = \cos \frac{3\pi}{4} + \cos \frac{5\pi}{4} + \cos \frac{7\pi}{4} + \cos \frac{9\pi}{4} + \cos \frac{11\pi}{4}.$$

$$B = \sin \frac{\pi}{8} + \sin \frac{3\pi}{8} + \sin \frac{7\pi}{4} + \sin \frac{11\pi}{8} + \sin \frac{15\pi}{8}.$$