



Trigonometry - Quadrant Sign - Angle (Radians) to One Trig Ratio and Sign

1

$$\frac{7\pi}{6} \text{ rad}$$

Which trig ratio and sign would be correct for this angle?

A

B

sin → positive sin → negative

2

$$\frac{7\pi}{4} \text{ rad}$$

Which trig ratio and sign would be correct for this angle?

A

B

tan → negative tan → positive

3

$$\frac{3\pi}{4} \text{ rad}$$

Which trig ratio and sign would be correct for this angle?

A

B

cos → negative cos → positive

4

$$\frac{5\pi}{3} \text{ rad}$$

Which trig ratio and sign would be correct for this angle?

A

B

sin → negative sin → positive

5

$$\frac{\pi}{6} \text{ rad}$$

Which trig ratio and sign would be correct for this angle?

A

B

cos → positive cos → negative

6

$$\frac{11\pi}{6} \text{ rad}$$

Which trig ratio and sign would be correct for this angle?

A

B

cos → negative cos → positive

7

$$\frac{2\pi}{3} \text{ rad}$$

Which trig ratio and sign would be correct for this angle?

A

B

tan → negative tan → positive

8

$$\frac{\pi}{4} \text{ rad}$$

Which trig ratio and sign would be correct for this angle?

A

B

tan → negative tan → positive