



Trigonometry - Quadrant Sign - Angle (Radians) to Two Trig Ratios and Signs

1

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

Which trig ratios and signs would be correct for this angle?

A	B
tan → positive	tan → positive
cos → negative	cos → positive

2

$$\frac{5\pi}{4} \text{ rad}$$

Which trig ratios and signs would be correct for this angle?

A	B
cos → negative	cos → negative
sin → positive	sin → negative

3

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

Which trig ratios and signs would be correct for this angle?

A	B
cos → negative	cos → positive
tan → negative	tan → negative

4

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

Which trig ratios and signs would be correct for this angle?

A	B
cos → positive	cos → negative
sin → positive	sin → positive

5

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

Which trig ratios and signs would be correct for this angle?

A	B
tan → negative	tan → positive
sin → negative	sin → negative

6

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

Which trig ratios and signs would be correct for this angle?

A	B
sin → negative	sin → negative
tan → negative	tan → positive

7

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

Which trig ratios and signs would be correct for this angle?

A	B
sin → positive	sin → negative
cos → negative	cos → negative

8

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

Which trig ratios and signs would be correct for this angle?

A	B
cos → positive	cos → positive
tan → positive	tan → negative