



### Exp-1- Trigonometric Functions Values

Find the exact values of the trigonometric functions of an angle that measures  $\frac{7\pi}{4}$  radians. Choose the correct option from the drop-down list.

$\tan \theta =$

- a. 1
- b.  $\sqrt{2}$
- c. -1
- d.  $-\sqrt{2}$

$;\cot \theta =$

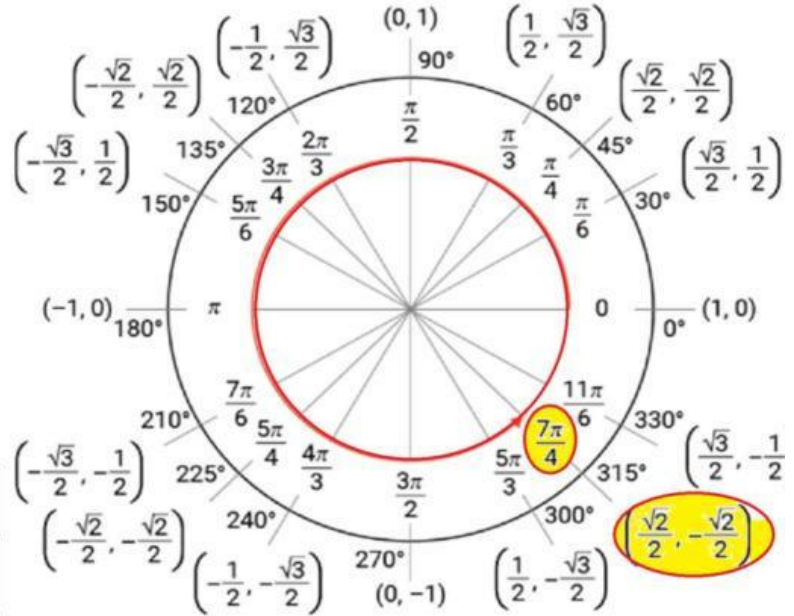
- a. 1
- b.  $\sqrt{2}$
- c. -1
- d.  $-\sqrt{2}$

$\csc \theta =$

- a. -1
- b.  $\sqrt{2}$
- c.  $\frac{\sqrt{2}}{2}$
- d.  $-\sqrt{2}$

$;\sec \theta =$

- a. 1
- b.  $\sqrt{2}$
- c.  $\frac{\sqrt{2}}{2}$
- d.  $-\sqrt{2}$



### Trigonometric Functions Values

Find the exact values of the trigonometric functions of an angle that measures  $\frac{5\pi}{4}$  radians. Choose the correct option from the drop-down list.

### Exp-2-

$\tan \theta =$

- a. 1
- b.  $\sqrt{2}$
- c. -1
- d.  $-\sqrt{2}$

$;\cot \theta =$

- a. 1
- b.  $\sqrt{2}$
- c. -1
- d.  $-\sqrt{2}$

$\csc \theta =$

- a. -1
- b.  $\sqrt{2}$
- c.  $\frac{\sqrt{2}}{2}$
- d.  $-\sqrt{2}$

$;\sec \theta =$

- a. 1
- b.  $\sqrt{2}$
- c.  $\frac{\sqrt{2}}{2}$
- d.  $-\sqrt{2}$