

Quiz: Reference Angles and Triangles

- 1 The value of  $\sin 150^\circ$  is equal to ?
- 2 Write  $\sec 330^\circ$  as a positive acute angle.

- 3 Write  $\cot(-120^\circ)$  as a positive acute angle.
- 4 Give an exact value for  $\cos(\pi/2)$

- 5 If  $\theta$  is an angle in standard position and  $B(7,4)$  is a point on the terminal side of the angle, what is the value of  $\tan \theta$ .
- 6 Find the exact value of  $\cot \theta$  for angle  $\theta$  in standard position if the point  $(2,8)$  lies on its terminal side.

- 7 The line  $y = 6x$  creates an acute angle  $\theta$  when it crosses the x-axis. Find the exact value of  $\sin \theta$ .
- 8 Write  $\cot 245^\circ$  as a positive acute angle.

- 9 The value of  $\tan 265^\circ$  is equal to?
- 10 Give an exact value for  $\sec(\pi/6)$

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%