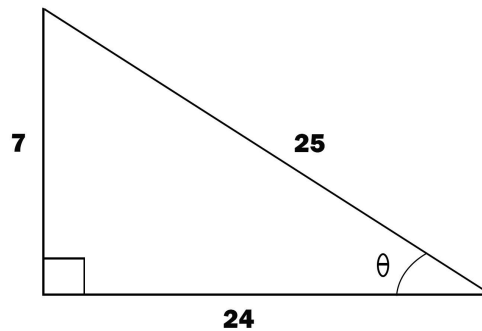


Directions: Select the letter of the correct answer for each question below.

For items 1 and 2, use the given figure below.



1) What is the value of $\cos \theta$?

- (a) $24/25$
- (b) $7/24$
- (c) $7/25$
- (d) $24/7$

2) Which of the following is correct?

- (a) $\csc \theta = 7/24$
- (b) $\sec \theta = 25/7$
- (c) $\tan \theta = 7/24$
- (d) $\sin \theta = 24/25$

3) Which of the following is the value of $\sin(45^\circ) - \cos(45^\circ)$?

- (a) $\sqrt{2}$
- (b) 1



Six Trigonometric Functions

Practice Questions

- (c) 0
- (d) 3

4) If $\sin \theta = \frac{1}{2}$, what is the angle measure of θ ?

- (a) 90 degrees
- (b) 60 degrees
- (c) 45 degrees
- (d) 30 degrees

5) If a right triangle has an interior acute angle θ such that $\sin \theta = \frac{10}{26}$, determine the perimeter of the right triangle.

- (a) 45 units
- (b) 60 units
- (c) 90 units
- (d) 105 units



To get more Mathematics review materials, visit <https://filipiknow.net/basic-math/>

To God be the glory!