Find the given trigonometric ratio.



1. 2.



3. 4.





5. 6.

**Draw HAT where ∠H = 90° and Tan A =** $\frac{9}{40}$

* 1. What is the length of AT?
	2. What is sin A?
	3. What is cos T?

**Draw CAT where ∠ATC = 90°, CA = 15, and CT = 9.**

1. What is the length of AT?
2. What is sin C?
3. What is tan A?

7. 8.

Sin A = .843 then cos B = \_\_\_\_\_\_

Sin 38o = cos \_\_\_\_\_\_o

9. 10.

Solve for x if Sin (3x + 5)o = cos(x + 9)o

**Draw ABC where ∠ACB = 90°, AC = 9, and CB = 12.**

1. What is the length of AB?
2. What is cos A?
3. What is tan B?