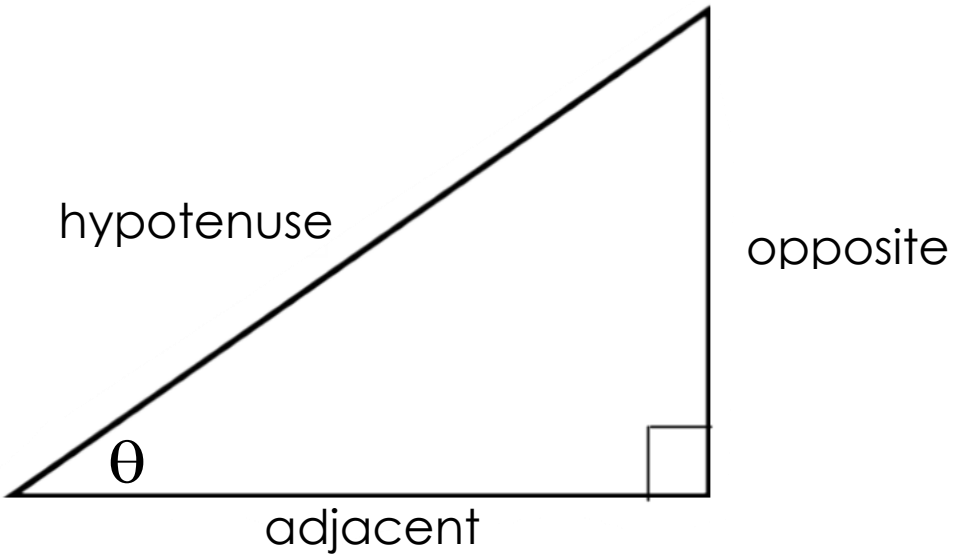
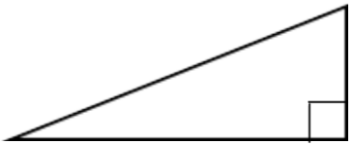
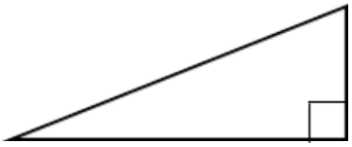
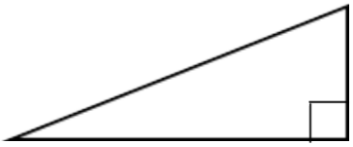
Name: _____ Date: _____

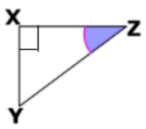
Trigonometry Ratios



Sine	Cosine	Tangent
		
SOH	CAH	TOA
$S = \frac{O}{H}$	$C = \frac{A}{H}$	$T = \frac{O}{A}$

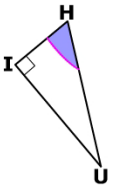
1. Identify the side that is opposite $\angle Z$ _____

2. Identify the side that is adjacent to $\angle Z$ _____



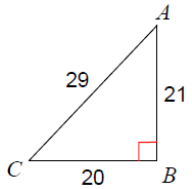
3. Identify the side that is opposite $\angle H$ _____

4. Identify the side that is adjacent to $\angle H$ _____

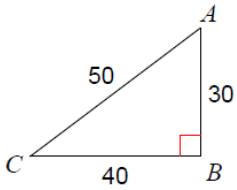


Find the value of each trigonometric ratio. Express your answer as a fraction in lowest terms.

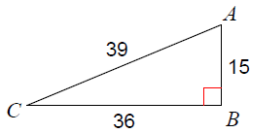
5. sin C =



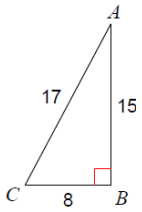
6. sin C =



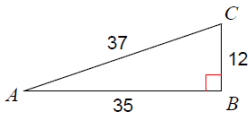
7. cos C =



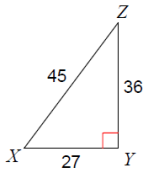
8. cos C =



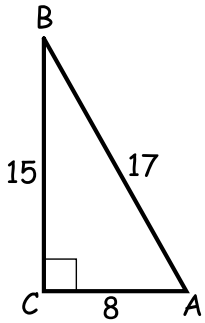
9. tan A =



10. tan X =



For each of the following, find the trigonometric ratio.



11. sin A _____

12. cos A _____

13. tan A _____

14. sin B _____

15. cos B _____

16. tan B _____

How do your answers in #11-13 compare to those in #14-16?