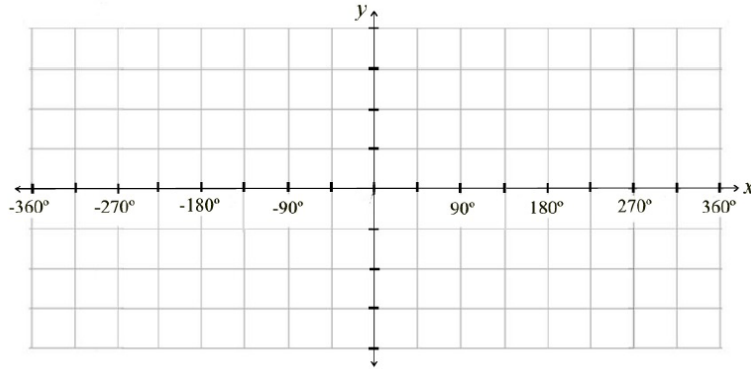


Honors Unit 8 Trig Quiz Review

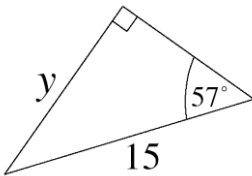
1. Graph $y = -2\sin(x) - 1$ and identify the amplitude and midline of the graph.

Amplitude: _____

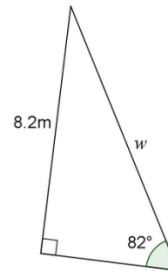
Midline: _____



2. Solve for y in the triangle below.



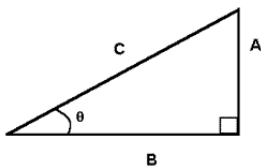
3. Solve for w in the triangle below.



4. Find the length of the diagonal of a TV with a length of 12 inches and a width of 13 inches.

5. A 15 foot ladder is leaning against a wall and reaches 12 feet up the wall. What angle does the ladder make with the ground?

6. Label the right triangle below with hypotenuse, opposite and adjacent.



7. When a student uses inverse trigonometry to calculate a measure, are they solving for a missing side or a missing angle?

8. Write the equation of the following graph on the right.

