Test topics for Right Triangle Unit Test on Friday, April 7

* Use Pythagorean Theorem to find missing sides in a right triangle, also in word problems with a sketch. (see Pythagorean Theorem Quiz)
* Will the three sides of a triangle form a right, acute, or obtuse triangle?
* Locate opposite, adjacent, and hypotenuse of a right triangle relative to an acute angle.
* Know definitions of sine, cosine and tangent based on these sides. (SOH-CAH-TOA)
* Write trig ratios of an angle given the side lengths of a triangle.
* Find sine, cosine, or tangent of an angle in a calculator, or use inverse to find an angle.
* Write trig ratio equations based on the definitions and solve them. (to find missing side or angle of a right triangle)
* Sketch an appropriate right triangle from a real-world application, interpreting angle of elevation or depression. Find missing information by writing a trig ratio equation and solving it.

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