Trig

1. calculate sine, cosine, tangent from diagram
2. Calculator use, finding missing sides
3. Find angle value using inverse function
4. Angle of elevation, depression, declination, incline (in Regents scope?)
5. Word problem interpretation
6. Sine and cosine are cofunctions, explain and apply

Diagrams

1. Sine and cosine
2. Sine and cosine are cofunctions, explain and apply
   Given the right triangle ABC with $m\angle C = 90°$. If $\sin A$ increases, will $\cos B$ increase, decrease, or stay the same? Explain why.
   Draw a right triangle, labeling vertices with capital letters and opposite sides with small letters. Write down the trig functions as ratios, explaining that they are equal.