Basic trig and applied force

1) the acronym SOHCAHTOA stands for
   ___ is the ___ over the ___

   ___ is the ___ over the ___

   ___ is the ___ over the ___

2) What number do all the interior angles of a triangle add up to?

3) Label the sides of each triangle according to SOHCAHTOA

4) What do sin⁰, cos⁰, tan⁰ do?

5) Given the supplied information, determine all angles and side lengths of the following triangles:

   A)
   
   B)

   C)

   D)

   E)

   F)