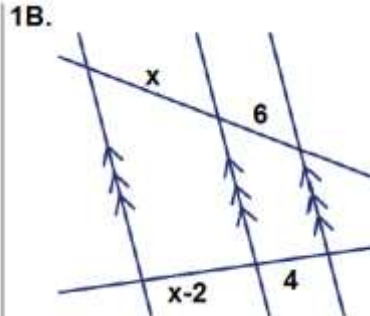
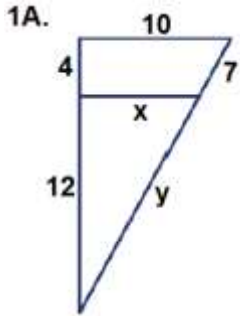


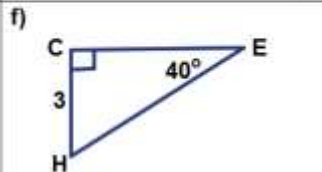
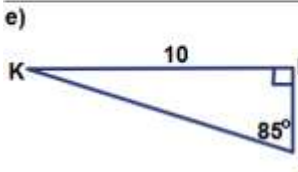
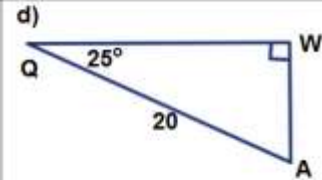
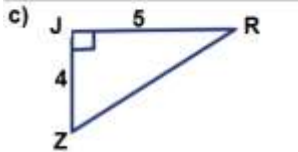
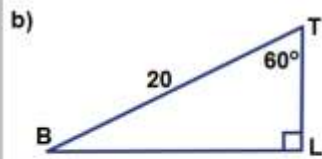
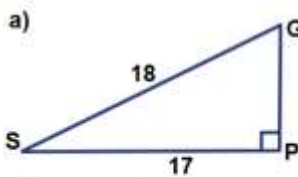
**Use INVERSE TRIG  
to find ANGLES**

**Friday  
February 21, 2014**

1. Set up a valid proportion to solve for the missing side. Solve and leave answers as reduced fractions.



2. Solve each right triangle by finding all missing sides and missing angles. Show your work.



3. You are designing a wheelchair ramp.  
Wheelchair ramps require a slope that is no more than 1-inch rise for every 12-inches of ramp length.

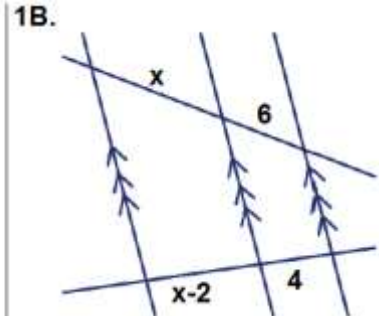
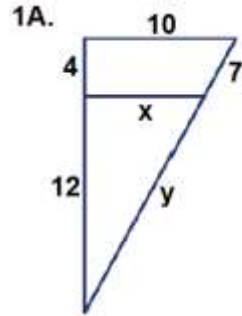
- You want to determine how much horizontal distance a ramp 6-feet in length will span?
- You also want to know the degree of incline from the base of the ramp to the ground?

Draw and label picture. Show work to solve.

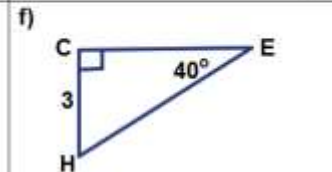
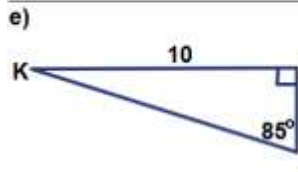
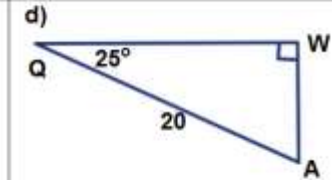
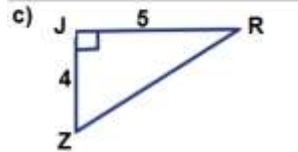
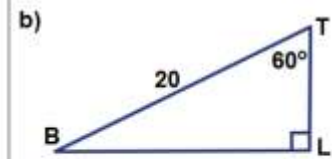
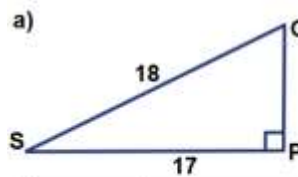
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