Solve.

3) Find the measures of the angles of an isosceles triangle if the measure of the vertex angle is 40º less than the sum of the measures of the base angles.

13) Marcia flew her ultralight plane to a nearby town against a head wind of 15 km/hr in 2 h and 20 min. The return trip under the same wind conditions took 1 h and 24 min. Find the plane's air speed and the distance to the nearby town.

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