

Danielle drove at an average speed of 50 km/h from Waterloo to Cambridge. From Cambridge to Ottawa she drove at an average speed of 100 km/h. The whole trip was 550 km and took 6 hours. How far is it from Cambridge to Ottawa, in kilometres?

Two hockey sticks are leaning against a wall. The blade of the first hockey stick is 0.5 m away from the base of the wall and the top of the stick reaches 1.1 m up the wall. The blade of the second hockey stick is 0.8 m away from the base of the wall and the top of the stick reaches 1.3 m up the same wall. If the blades of each hockey stick are 38 cm in length, which stick is the longest?

