Tak Tent

Tula is designing a makeshift tent from a piece of cloth.
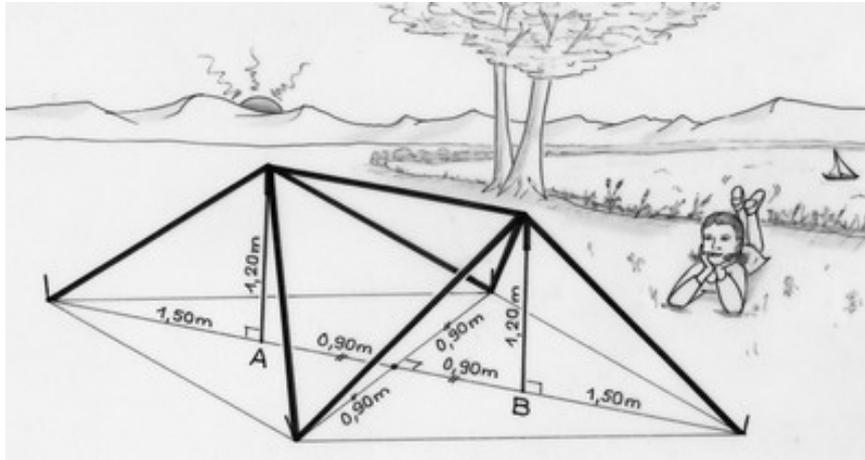
To do this, she uses her walking sticks each of height 1.2 metres as the tent poles placed vertically at points A and B, which are 1.8 metres apart.

She uses cords, held to the ground by pegs, to keep the tent in place. One cord is placed over both sticks and pegged on either side of the line joining A and B. One peg is 1.5 metres away from A, the other 1.5 metres from B.

Two other pegs are placed along the perpendicular bisector of the line AB, each one 0.9 metres on either side of the midpoint of AB. A cord connects these two pegs to the two tops of the sticks.

Each face of Tula's tent is a triangle.

To complete her design, she needs to cut out the pattern from the cloth.

Draw a net of Tula's pattern, using a scale of 1/30.