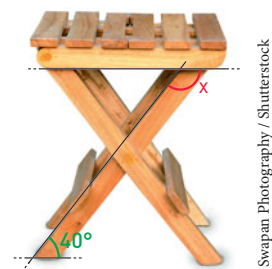**YOU & MATHS** **A carpenter's work** Frances is building a bench for her back yard. She has cut one end of the legs at an angle of 40°. At what angle should she cut the other end to be sure that the top of the bench is parallel to the ground?

She should cut the other end at 140° to ensure that the top of the bench is parallel to the ground, because the two angles need to be supplementary.