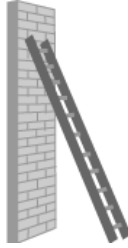
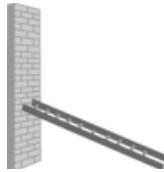


Trigonometry worksheet – Mixed questions

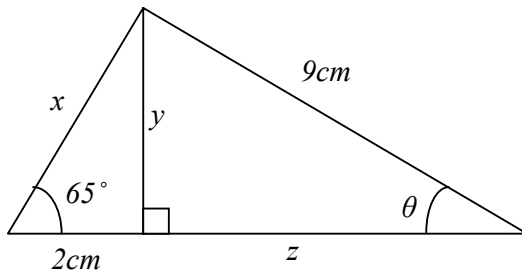
1. a. A ladder of length 1.5m leans against a wall at an angle of 67° to the floor. How far up the wall does the ladder reach? (the angle between the wall and the ground is a right angle)



- b. The ladder slips, as shown in the diagram, so the top of the ladder is 45cm above the ground. What is the angle between the ladder and the floor?



2. Find the unknowns



3. The angles $ABC = ADC = 90^\circ$ (right-angles). Find the unknowns

