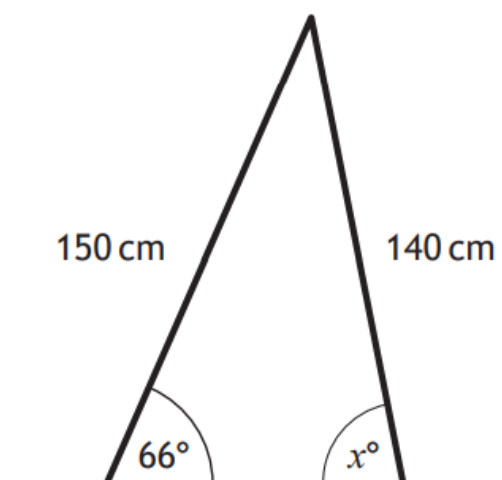




A set of stepladders has legs 150 centimetres and 140 centimetres long.



When the stepladder is fully open, the angle between the longer leg and the ground is  $66^\circ$ .



Calculate  $x^\circ$ , the size of the angle between the shorter leg and the ground.

3

Answer:

$78.2^\circ$