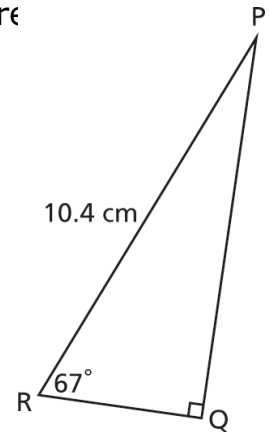


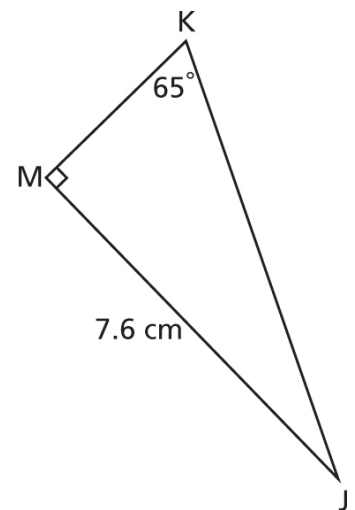
Sec. 2.5 – Using the Sine and Cosine Ratios to Calculate Lengths

Remember **SOHCAHTOA**

1. Determine the length of PQ to the nearest tenth of a centimetre



2. Determine the length of JK to the nearest tenth of a centimetre.



3. From a radar station, the angle of elevation of an approaching airplane is 32.5° . The horizontal distance between the plane and the radar station is 35.6 km. How far is the plane from the radar station to the nearest tenth of a kilometre?

