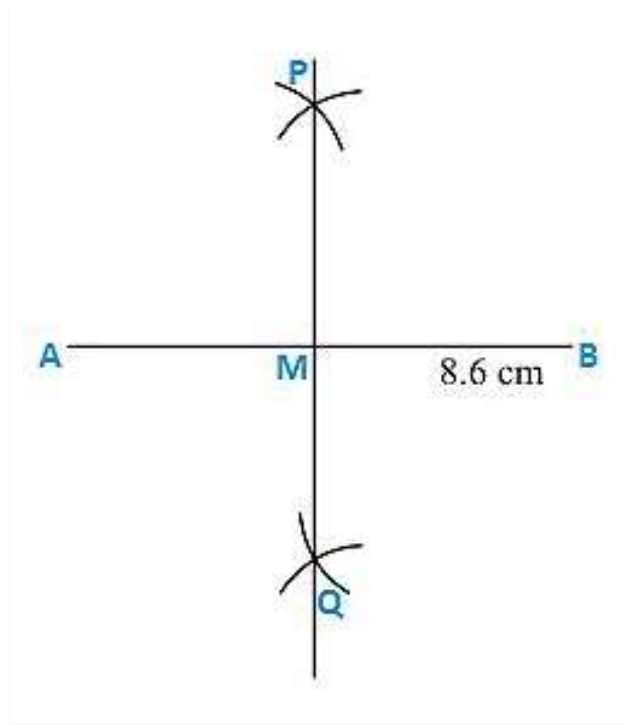


RD SHARMA
Solutions
Class 9 Maths
Chapter 17
Ex 17.1

Q1. Draw a line segment of length 8.6cm. Bisect it and measure the length of each part.



Steps of construction:

1. Draw a line segment AB of 8.6cm.
2. Keeping A as center and radius more than half of AB draw arcs on each side of AB.
3. Keeping B as center and the same radius draw arcs on each side of AB cutting the previous arcs at P and Q respectively.
4. Join the points P and Q which intersects AB at C.

Therefore $AC = BC = 4.3\text{cm}$

Q2. Draw a line segment AB of length 5.8cm. Draw the perpendicular bisector of this line segment.

