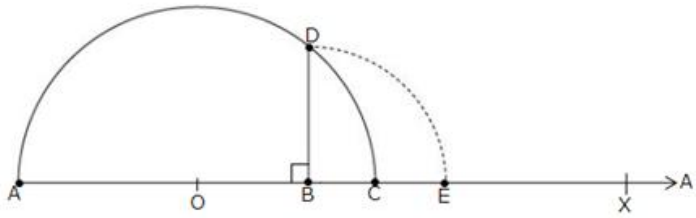
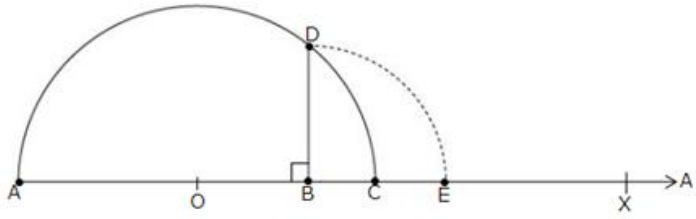
Exercise 1D

Question 5:



Draw a line segment AB = 3.2 units and extend it to C such that BC = 1 units.
Find the midpoint O of AC.
With O as centre and OA as radius, draw a semicircle.
Now, draw BD AC, intersecting the semicircle at D.
Then, BD = $\sqrt{3.2}$ units.
With B as centre and BD as radius, draw an arc meeting AC produced at E.
Then, BE = BD = $\sqrt{3.2}$ units.

Question 6:



Draw a line segment AB = 7.28 units and extend it to C such that BC = 1 unit.
Find the midpoint O of AC.
With O as centre and OA as radius, draw a semicircle.
Now, draw BD AC, intersecting the semicircle at D.
Then, BD = $\sqrt{7.8}$ units.
With D as centre and BD as radius, draw an arc, meeting AC produced at E.
Then, BE = BD = $\sqrt{7.8}$ units.

********** END **********