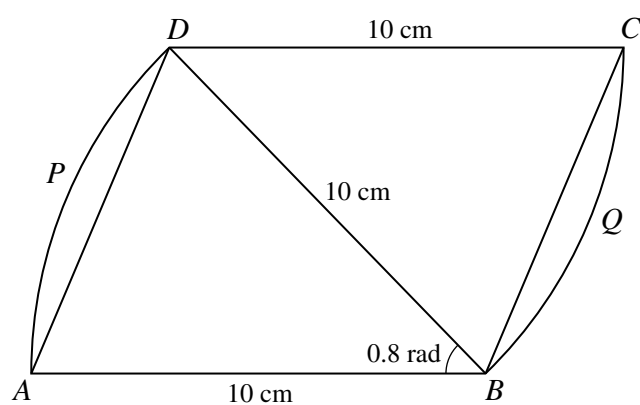


4



In the diagram, $ABCD$ is a parallelogram with $AB = BD = DC = 10\text{ cm}$ and angle $ABD = 0.8$ radians. APD and BQC are arcs of circles with centres B and D respectively.

- (i) Find the area of the parallelogram $ABCD$. [2]
- (ii) Find the area of the complete figure $ABQCDP$. [2]
- (iii) Find the perimeter of the complete figure $ABQCDP$. [2]