Find the arc length of each sector. Round the answer to two decimal places. (use \( \pi = 3.14 \))

1) Length of arc PQ =

2) Length of arc DE =

3) Length of arc LM =

4) Length of arc GH =

5) Length of arc AB =

6) Length of arc RS =

7) Length of arc YZ =

8) Length of arc JK =

9) Length of arc EF =

Example:

Arc length of a sector \( s \) = \( \frac{\text{central angle}}{180^\circ} \times \pi \times \text{radius} = \frac{\theta \times \pi \times r}{180^\circ} \)

\[ \frac{140^\circ \times 3.14 \times 7}{180^\circ} = 17.10 \text{ in} \]

Length of the arc AB = 17.10 in
Find the arc length of each sector. Round the answer to two decimal places. ( use π=3.14 )

Example:

Arc length of a sector (s) = \( \frac{\text{central angle}}{180^\circ} \times \pi \times \text{radius} = \frac{\theta \times \pi \times r}{180^\circ} \)

\[
\theta = 140^\circ
\]

\[
\text{Length of the arc AB} = 17.10 \text{ in}
\]

1) Length of the arc PQ = 43.96 in
2) Length of the arc DE = 22.33 yd
3) Length of the arc LM = 4.36 ft
4) Length of the arc GH = 23.03 yd
5) Length of the arc AB = 4.19 ft
6) Length of the arc RS = 8.72 in
7) Length of the arc YZ = 54.43 ft
8) Length of the arc JK = 4.88 yd
9) Length of the arc EF = 34.02 in