1) If $PS = 12$ and $TR = 15$, find $QR$

2) Find the measures of arc $PR$ and arc $RQ$

3) If $SQ = 12$ and $AT = 8$, find $PR$

4) If arc $GMJ = 200°$, find the measure of arc $GK$

5) Sketch a circle $R$ with radius of length $5\sqrt{3}$ and chord $XY$ that is 5 units from $R$. Find the length of chord $XY$.

6) Find the measure of arc $BC$
7) If arc ACB = 110°, find m∠1

8) If BC = CD, find the measure of arc CD

9) OM = ON = 7; CM = 6; find EF

10) find HI