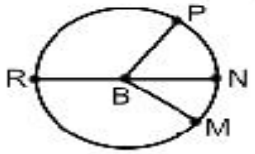
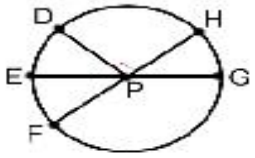
In circle B, $\overline{RN}$ is a diameter and $m\angle PBM = 90°$ and $m\angle PBN = 50°$. Find each measure (in degrees).

1. $m\overset{\frown}{NM} =$
2. $m\overset{\frown}{RP} =$
3. $m\overset{\frown}{RPN} =$
4. $m\overset{\frown}{PMR} =$



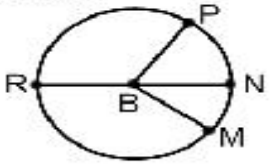
In circle P, $\overline{EG}$ and $\overline{FH}$ are diameters and $m\angle HPG = 36°$. Find each measure (in degrees).



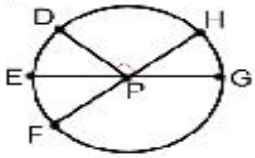
1. $m\overset{\frown}{EF} =$
2. $m\overset{\frown}{FG} =$
3. $m\overset{\frown}{DE} =$
4. $m\overset{\frown}{DHG} =$
5. $m\overset{\frown}{DFG} =$
6. $m\overset{\frown}{DGE} =$

In circle B, $\overline{RN}$ is a diameter and $m\angle PBM = 90°$ and $m\angle PBN = 50°$. The radius of circle B is 6 m long. Find the length of each arc (Round answers to the nearest 10^{th} of a meter).

1. $\overset{\frown}{NM} =$
2. $\overset{\frown}{RP} =$
3. $\overset{\frown}{RPN} =$
4. $\overset{\frown}{PMR} =$



In circle P, $\overline{EG}$ and $\overline{FH}$ are diameters and $m\angle HPG = 36°$. FP = 4.5 cm. Find the length of each arc (Round answers to the nearest 10^{th} of a cm).



1. $\overset{\frown}{EF} =$
2. $\overset{\frown}{FG} =$
3. $\overset{\frown}{DE} =$
4. $\overset{\frown}{DHG} =$
5. $\overset{\frown}{DFG} =$
6. $\overset{\frown}{DGE} =$