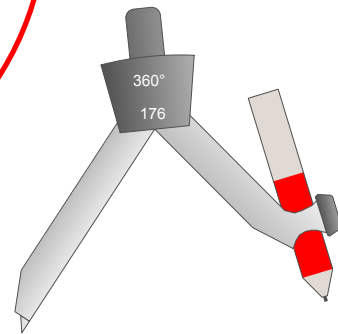
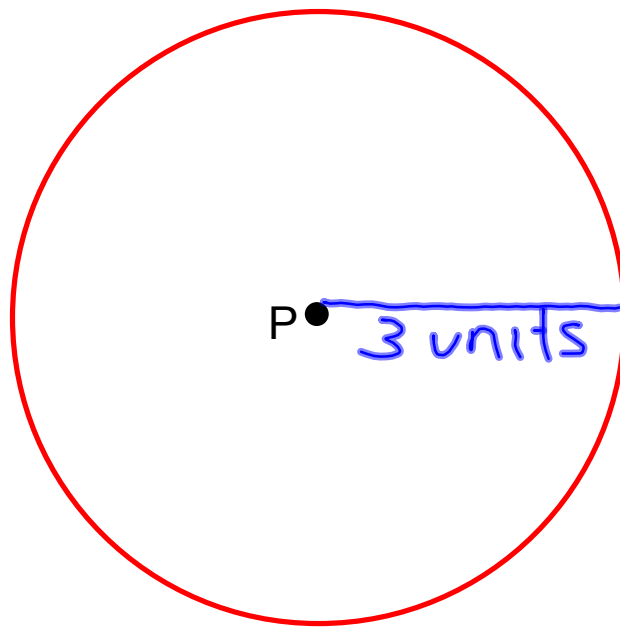
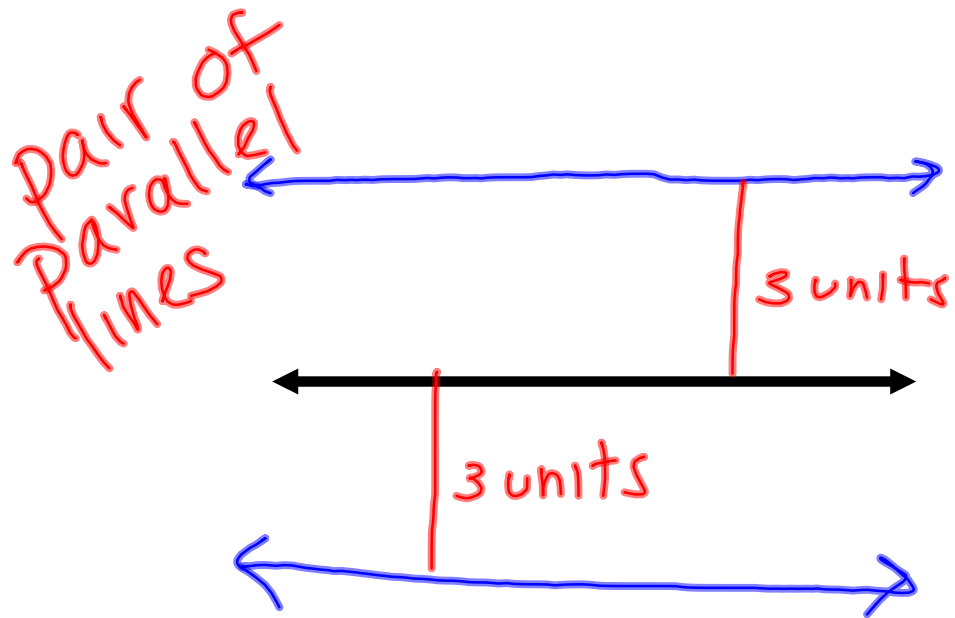


Do-now: What is the locus of points 3 units from point  $P$ ?

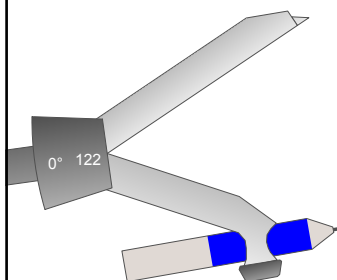
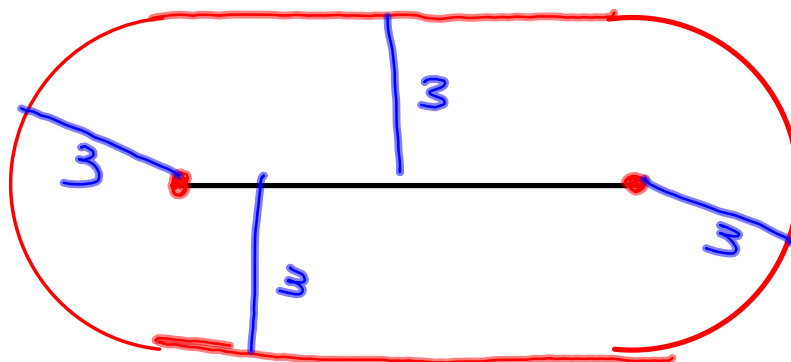
Circle



What is the locus of points 3 units away from the line below?

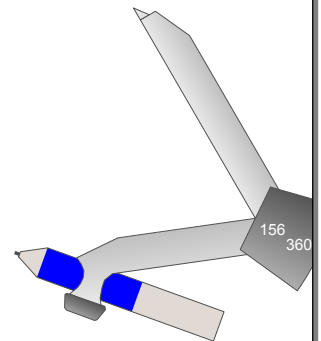
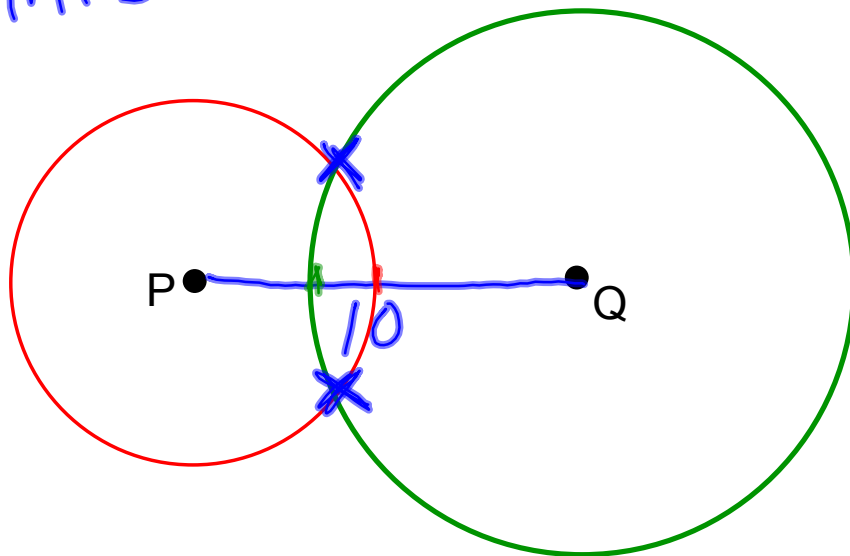


What is the locus of points 3 units away from the LINE SEGMENT below?



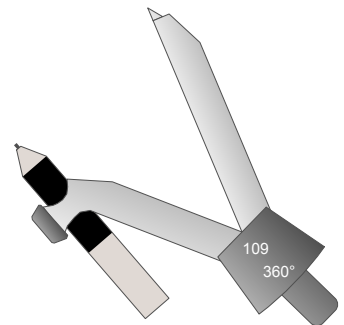
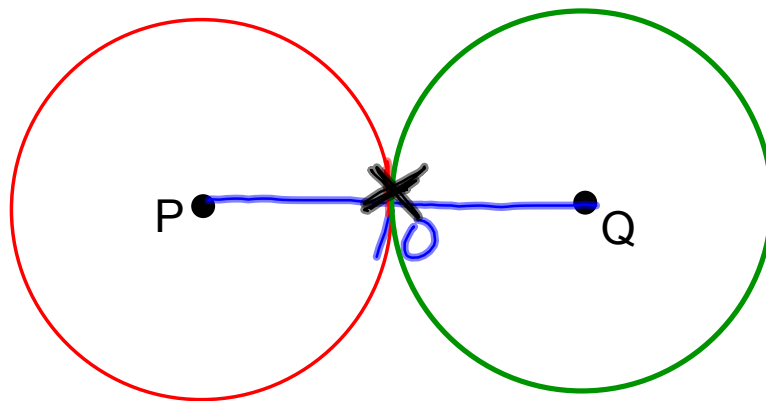
Points  $P$  and  $Q$  are 10 units apart. What is the locus of points 5 units from point  $P$  AND 7 units from point  $Q$ ?

2 points



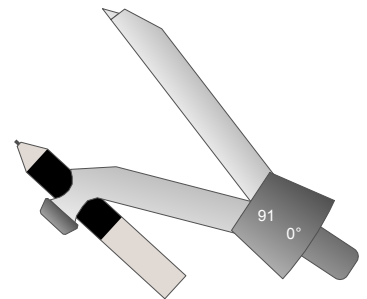
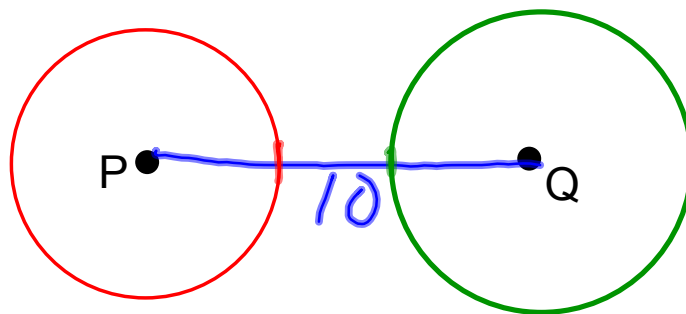
Points  $P$  and  $Q$  are 10 units apart. What is the locus of points 5 units from point  $P$  and 5 units from point  $Q$ ?

1 point



Points  $P$  and  $Q$  are 10 units apart. What is the locus of points 3 units from point  $P$  and 4 units from point  $Q$ ?

0 points



Lines  $\overleftrightarrow{GH}$  and  $\overleftrightarrow{MN}$  are 8 inches apart. What is the locus of points equidistant from the two lines AND 4 inches from point P?

1 point

