


Construction 8: Construct a regular hexagon inscribed in a circle.

Given: $\odot \mathrm{B}$


Construct: a regular hexagon QRSTUV
$\therefore$ QRSTUU is
a regular hexagon

(1) Begin by constructing $\mathcal{O B}$.
(2) Put a pt. $Q$ anwhere on the 0 and adjust your compass to the width of $\overrightarrow{B P}$, the radius. (3) Place your compass on $Q$ and make an arc. Repeat the process starting on the pt. where the are intersects the circle. (4) Connect all arc intersection pts, $Q, R, S_{1} T, U$, and $V$.


Construction 9: Construct a square that is inscribed in a circle.

Given: $\odot$ C

Construct: a square DEFG
$\therefore D E F G$

(1) Begin with $\odot C$.
(2) Place $D$ anywhere on O. and construct diameter $\overline{D F}$.
(3) Adjust the compass width a little past radius. Place compass on Dand make an arc. Do the same starting at $F$.
(4) Connect intersection of are though pts $w$ and $T$.
(5) finish explaining -. ..ale est done!

Construction 10: Construct a parallelogram given two sides and an angle.
(a parallelogram is quadrilateral where both pairs of opposite sides are parallel and congruent)
Given: two sides (of different length) and an angle

