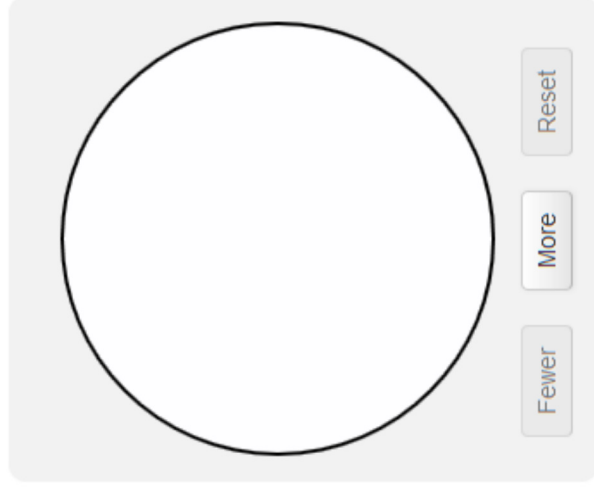
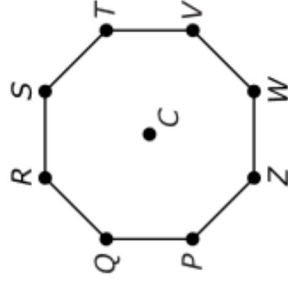


1. The circle has a radius of 12 units. Shade an area of  $24\pi$  square units.

Divide the circle into the correct number of sections by selecting the "More" button. If you divide the circle into too many sections, use the "Fewer" button. Then, select the number of sections to represent the answer.



2. Octagon  $PQRSTVWZ$  is a regular octagon with its center at point  $C$ .



Which transformations will map octagon  $PQRSTVWZ$  onto itself?

Select **each** correct transformation.

- A. reflecting over  $\overline{QV}$
- B. reflecting over  $\overline{RW}$
- C. reflecting over  $\overline{TZ}$
- D. rotating  $45^\circ$  clockwise around point  $Z$
- E. rotating  $135^\circ$  clockwise around point  $C$
- F. rotating  $90^\circ$  counterclockwise around point  $C$