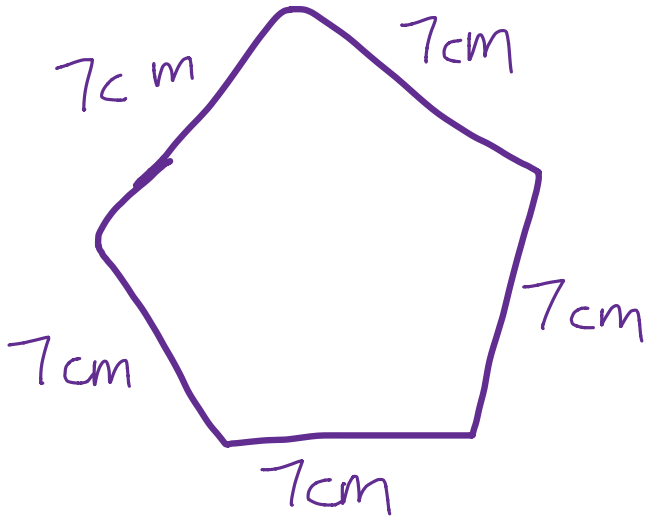


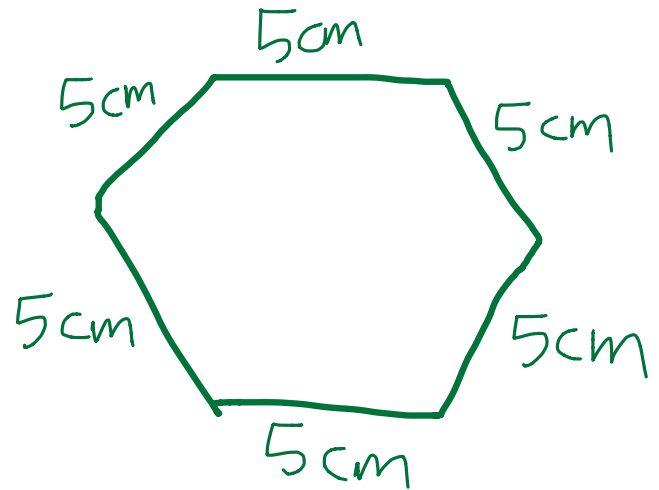
Name _____

Date _____

Travis traces a regular pentagon on his paper. Each side measures 7 centimeters. He also traces a regular hexagon on his paper. Each side of the hexagon measures 5 centimeters. Which shape has a greater perimeter? Show your work.



$$\begin{aligned}\text{Perimeter: } & 7+7+7+7+7 \\ & = 5 \times 7 \\ & = 35 \text{ cm}\end{aligned}$$



$$\begin{aligned}\text{Perimeter: } & 5+5+5+5+5+5 \\ & = 6 \times 5 \\ & = 30 \text{ cm}\end{aligned}$$

The pentagon has the greater perimeter.

Solved by Duane <http://EMBARC.online>