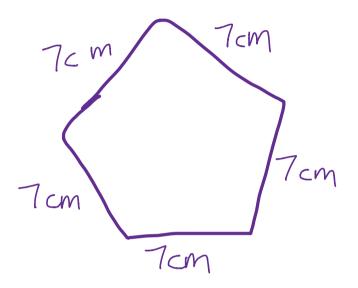
Name Date

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.



50M 5cm 5cm

Perimeter: 7+7+7+7+7

$$=5x7$$

$$=35cm$$

Perimeter: 5+5+5+5+5+5

$$=6x5$$

$$=30\,\mathrm{cm}$$

The pentagon has the greater perimeter.

Solved Duane http://EMBARC.online



Lesson 14:

Determine the perimeter of regular polygons and rectangles when whole number measurements are unknown.