

7.3

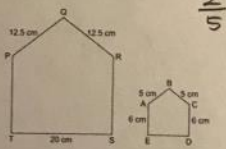
Thursday, November 5, 2020 3:54 PM

Name: Alex

Date: _____

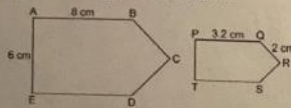
Math 9 HW Section 7.3 Similar Polygons

1. Given that the following polygons are similar, find the lengths of PT and DE.



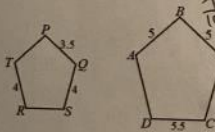
$PT = 15$
 $ED = 8$

b) Find the lengths of BC and PT:



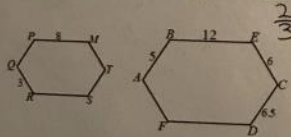
$PT = \frac{12}{5}$
 $BC = 5$

c) Find the lengths of RS and EC:



$RS = 3.85$
 $EC = \frac{40}{7}$

d) Find the lengths of PQ, AF, and MT:

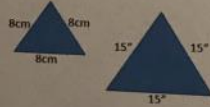


$PQ = \frac{10}{3}$
 $AF = \frac{9}{2}$
 $MT = 4$

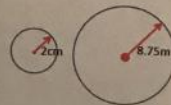
2. Given the following set of shapes, indicate whether if they are similar or not:



$\frac{7}{6} \neq \frac{15}{3}$
No



yes



yes