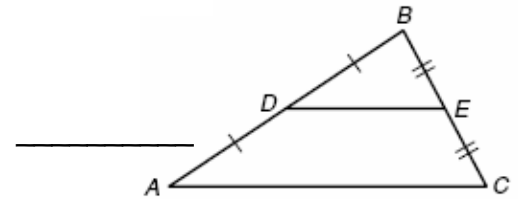


**Wkst 5.4 The Midsegment Theorem**  
 Geometry Regular

Name \_\_\_\_\_  
 Date \_\_\_\_\_ Mod \_\_\_\_\_

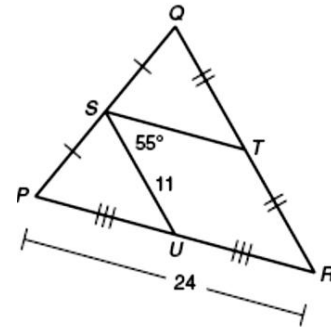
**Use the Triangle Midsegment Theorem to name parts of the figure.**

1. a midsegment of triangle  $ABC$  \_\_\_\_\_
2. a segment parallel to  $\overline{AC}$  \_\_\_\_\_
3. a segment with the same length as  $\overline{BD}$  \_\_\_\_\_
4. a segment that is half the length of  $\overline{AC}$  \_\_\_\_\_
5. a segment twice the length of  $\overline{EC}$  \_\_\_\_\_

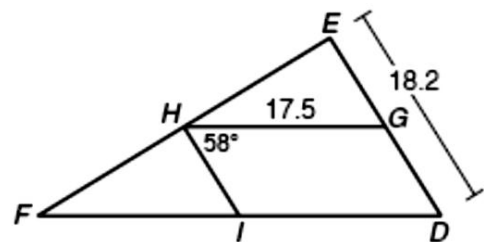


**Use the Triangle Midsegment Theorem to find each measure.**

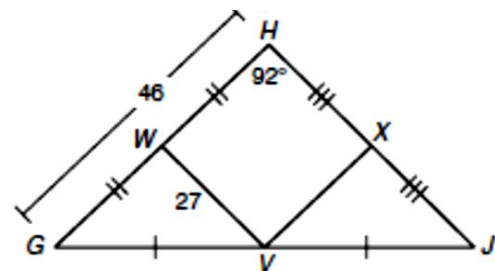
6.  $ST =$  \_\_\_\_\_
7.  $QR =$  \_\_\_\_\_
8.  $PU =$  \_\_\_\_\_
9.  $m\angle SUP =$  \_\_\_\_\_
10.  $m\angle SUR =$  \_\_\_\_\_
11.  $m\angle PRQ =$  \_\_\_\_\_



12.  $HI =$  \_\_\_\_\_
13.  $DF =$  \_\_\_\_\_
14.  $GE =$  \_\_\_\_\_
15.  $m\angle HIF =$  \_\_\_\_\_
16.  $m\angle HGD =$  \_\_\_\_\_
17.  $m\angle D =$  \_\_\_\_\_



18.  $VX =$  \_\_\_\_\_
19.  $HJ =$  \_\_\_\_\_
20.  $m\angle VXJ =$  \_\_\_\_\_
21.  $XJ =$  \_\_\_\_\_



22.  $ST =$  \_\_\_\_\_
23.  $DE =$  \_\_\_\_\_
24.  $m\angle DES =$  \_\_\_\_\_
25.  $m\angle RCD =$  \_\_\_\_\_

