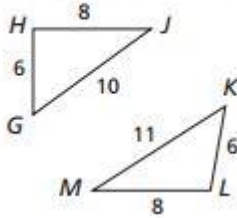


Chapter 6.6 – Inequalities in Two Triangles

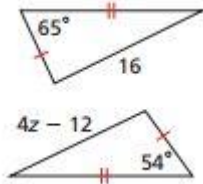
Compare the given measures.

1. $\angle GHJ$ and $m\angle KLM$

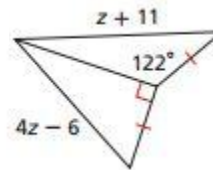


Find the range of values for z .

- 2.

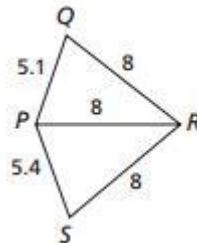


- 3.



Compare. Write $<$, $>$, or $=$.

4. $m\angle QRP$ $m\angle SRP$
5. $m\angle PRS$ $m\angle RSP$
6. $m\angle QPR$ $m\angle RPS$



For the given information, show that $m \parallel n$.
State any postulates or theorems used. (Lesson 3-3)

7. $m\angle 2 = (3x + 21)^\circ$, $m\angle 6 = (7x + 1)^\circ$, $x = 5$
8. $m\angle 4 = (2x + 34)^\circ$, $m\angle 7 = (15x + 27)^\circ$, $x = 7$

