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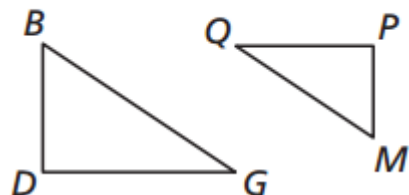
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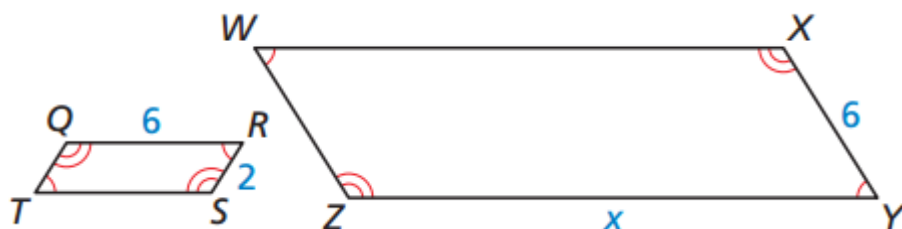
HW #8-5: Quiz Review

1. List all pairs of congruent angles. Then write the ratios of the corresponding side lengths in a statement of proportionality.

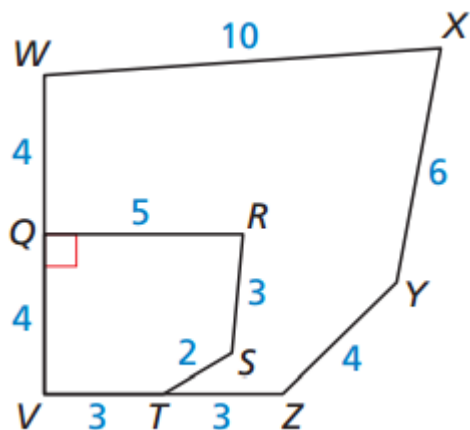
$$\triangle BDG \sim \triangle MPQ$$



2. The polygons are similar. Find the value of x .



3. Determine whether the polygons are similar. If they are, find the scale factor and write a similarity statement.



4. The dimensions of an official hockey rink used by the National Hockey League (NHL) are 200 feet by 85 feet. The dimensions of an air hockey table are 96 inches by 40.8 inches. Assume all corresponding angles are congruent.
 - a. Draw a diagram of both hockey rinks.

