ANSWER PRESENTATION TOOL

Blue - Student Edition   3   Quiz 2   1-11   **ALL** EVEN   Show Solu

ODD

1. 1440°

2. 1980°

3. 58°; 122°; 134°; 46°

4. 126°; 130°; 140°; 120°; 115°; 154°; 115°

5. 280°; 40°; 110°; 70°; 40°

6. 80°; 100°; 65°; 115°

7. 60°; 120°; 90°; 90°

8. yes; The triangles have the same angle measures, 95°, 46°, and 39°.

9. no; The triangles do not have the same angle measures.

10. 25 sides

11. **a.** Angles *W* and *Z* are right angles, so they are congruent. Angles *WXV* and *ZXY* are vertical angles, so they are congruent. Because two angles in △*VWX* are congruent to two angles in △*YZX*, the third angles are also congruent and the triangles are similar.

b. 50 ft