

Solving Triangle Problems

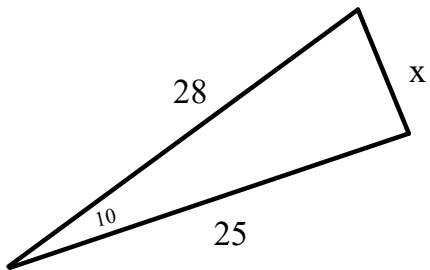
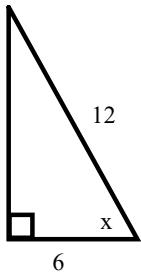
When looking for missing sides and angles in triangles, we have the many tools available to us:

- Similar Triangles
- Pythagorean Theorem
- Primary Trigonometric Ratios
- Sine Law
- Cosine Law

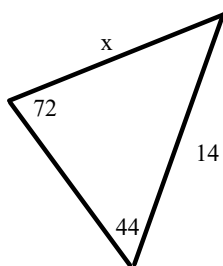
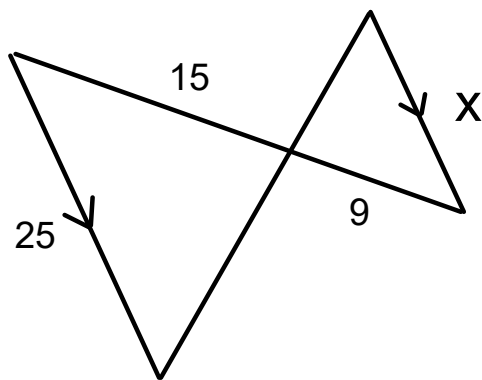
Example 1: For each diagram, identify the tool you would use to solve directly for x .



Problem Solving / Review

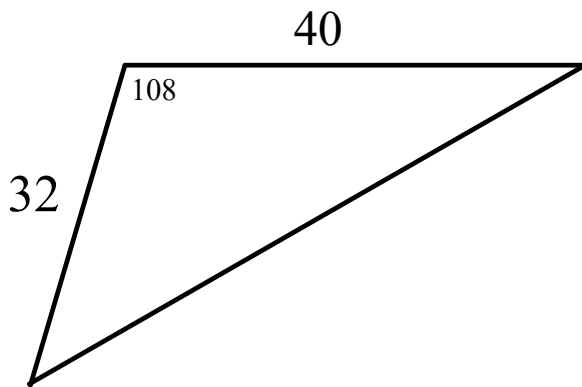


Problem Solving / Review



Problem Solving / Review

Example 2: Solve the triangle shown.



Practice: pg 454 # 1, 2, 5, 8.