

Find All Angles

Use vertical, corresponding, supplementary and right-angle facts to find every missing angle.

1. Angle 1 is given. Find angles 2, 3, 4, 5, 6, 7, 8.
Given: $A1 = 129 \text{ deg}$

A2 _____ A3 _____ A4 _____ A5 _____
A6 _____ A7 _____ A8 _____

2. Angle 4 is given. Find angles 1, 2, 3, 5, 6, 7, 8.
Given: $A4 = 56 \text{ deg}$

A1 _____ A2 _____ A3 _____ A5 _____
A6 _____ A7 _____ A8 _____

3. Angle 5 is given. Find angles 1, 2, 3, 4, 6, 7, 8.
Given: $A5 = 31 \text{ deg}$

A1 _____ A2 _____ A3 _____ A4 _____
A6 _____ A7 _____ A8 _____

4. Angle 1 is given. Find angles 2, 3, 4, 5, 6, 7, 8.
Given: $A1 = 69 \text{ deg}$

A2 _____ A3 _____ A4 _____ A5 _____
A6 _____ A7 _____ A8 _____

5. Angle 4 is given. Find angles 1, 2, 3, 5, 6, 7, 8.
Given: $A4 = 146 \text{ deg}$

A1 _____ A2 _____ A3 _____ A5 _____
A6 _____ A7 _____ A8 _____

6. Angle 7 is given. Find angles 1, 2, 3, 4, 5, 6, 8.
Given: $A7 = 113 \text{ deg}$

A1 _____ A2 _____ A3 _____ A4 _____
A5 _____ A6 _____ A8 _____