

**Supplementary and Complementary Angles**

1. Identify supplementary and complementary angles from the following list of angles.

$$\angle A = 32^\circ$$

$$\angle B = 80^\circ$$

$$\angle C = 58^\circ$$

$$\angle D = 27^\circ$$

$$\angle E = 89^\circ$$

$$\angle F = 100^\circ$$

$$\angle G = 91^\circ$$

$$\angle H = 63^\circ$$

*The complementary angles are:*

$$\angle A \text{ and } \angle C \quad (32^\circ + 58^\circ = 90^\circ)$$

$$\angle D \text{ and } \angle H \quad (27^\circ + 63^\circ = 90^\circ)$$

*The supplementary angles are:*

$$\angle B \text{ and } \angle F \quad (80^\circ + 100^\circ = 180^\circ)$$

$$\angle E \text{ and } \angle G \quad (89^\circ + 91^\circ = 180^\circ)$$