

a Are they congruent? Why? <i>Yes, SSS</i> SSS: three sides	b Are they congruent? Why? <i>Yes, SAS</i> SAS: the angle between	c Are they congruent? Why? <i>Yes, ASA</i> ASA: the side between	d Are they congruent? Why? <i>Yes, RHS</i> RHS: right angle, hypotenuse, side
e Are they congruent? Why? <i>Not proved (AAA)</i> AAA does not prove congruence	f Are they congruent? Why? <i>Not proved (SSA)</i> SSA does not prove congruence	g Are they congruent? Why? <i>Yes, AAS</i> AAS: two angles, a side not between	h Are they congruent? Why? <i>Yes, SAS</i> a turned and flipped copy
i The triangles are congruent. Find x <i>8</i> corresponding sides	j The triangles are congruent. Find x <i>70°</i> corresponding angles	k Are they congruent? Why? <i>Yes, SSS</i> a shared side	l Are they congruent? Why? <i>Yes, SAS</i> vertically opposite angles give SAS

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