## ASPECTS OF GEOMETRY

## Complementary and Supplementary Angles

Two angles a	re called complementary angles	if the sum of their measures is 90°.
Two angles are called supplementary angles if the sum of their measures is 180°. Example: The measures of two complementary angles are in the ratio of 1:5. Find the measure in degrees of the smaller angle.		
		smaller angle = 15°
angles an	res of two complementary e in the ratio of 1:8. measure of the larger	<ol> <li>One angle is twice another. If the angles are supplementary, find the number of degrees in the smaller angle.</li> </ol>
angles ar	are of two supplementary e in the ratio of 1:4. number of degrees in the ngle.	<ol> <li>Two complementary angles are in the ratio of 2:3. Find the number of degrees in the measure of the smaller angle.</li> </ol>
congruent	s are complementary and . How many degrees are each angle?	<ol> <li>Two supplementary angles are in the ratio of 4 to 5. Find the number of degrees in the larger angle.</li> </ol>
angle is :	mber of degrees in one x, find the number of n its supplement.	<ol> <li>The number of degrees in three angles are 50, 30, and 10. Are these angles complementary? (yes or no)</li> </ol>

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