Na	nme:
Su	pplementary and Complementary Angles
A)	Answer each question and justify
	1) Find the supplement for an angle equal to 115°
	2) Find the complement for an angle equal to 59°
	3) Find the complement for an angle equal to 89°
	4) Find the supplement for an angle equal to 89°
	5) Which represents the supplement of an angle measuring 5x?
	6) If two angles are complementary angles and they measure (x + 15)° a measure for each angle.

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- 7) If two angles are supplementary and their measures are $(2y 12)^{\circ}$ and $(5y + 17)^{\circ}$. Find the measure of each angle.
- 8) If two angles are supplementary and are in the ratio of 5:4, find the measure of the larger angle.
- 9) If two angles are complementary and are in a 2:3 ratio. What are their measures?
- 10)Two angles supplementary angles are in ratio 3:5. How much does each measure?

- 11) The measure of the supplement of an angle is 60 less then 3 times the measure of the complement of the angle. Find the measure of the complement.
- B) Write a two-column proof for each of the following:
 - 12) Given: 121 and 122 form a linear pair

Prove: Đ1 and Đ2 are supplementary

