

A#3-1 Parallel Lines Cut by a Transversal

Tell what type of angle pair using the following abbreviations. Then circle whether the angles are supplementary or congruent.

C—corresponding

AI--alternate interior

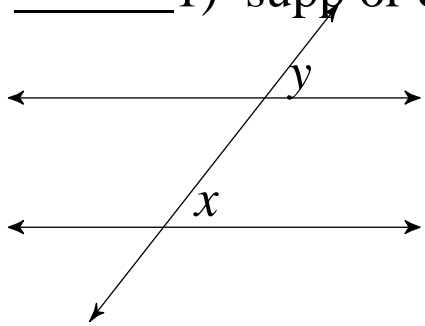
AE-- alternate exterior

SSI- Same Side interior

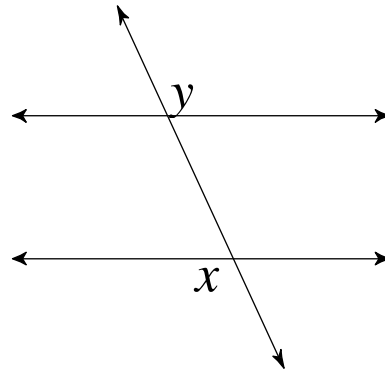
SSE- Same Side Exterior

V—vertical

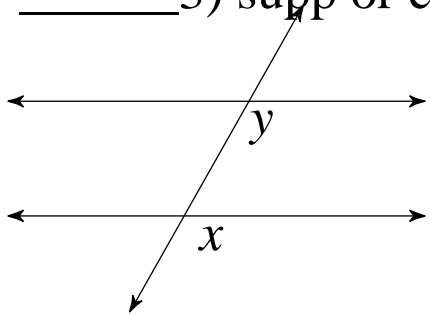
_____ 1) supp or cong



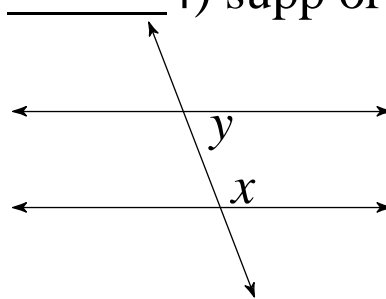
_____ 2) supp or cong



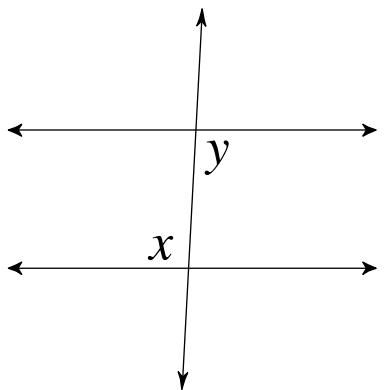
_____ 3) supp or cong



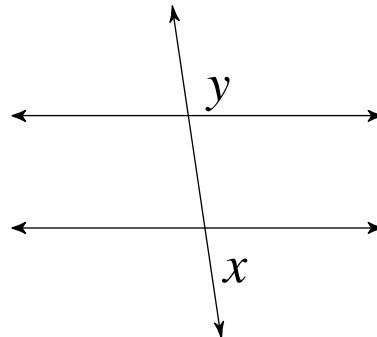
_____ 4) supp or cong



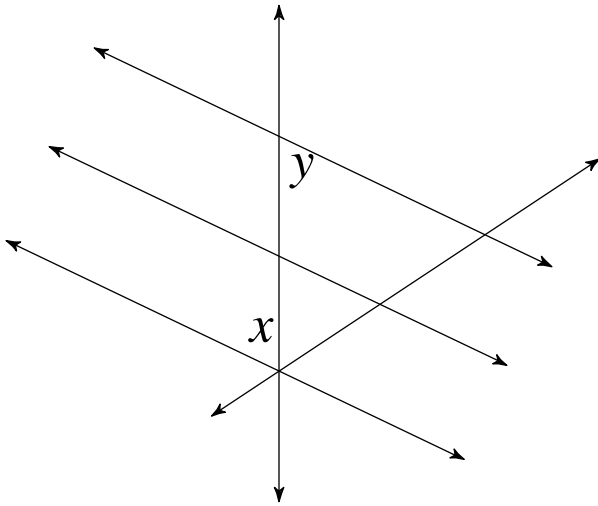
_____ 5) supp or cong



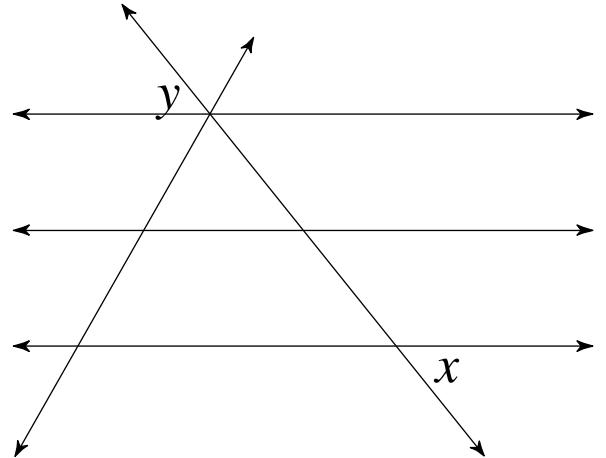
_____ 6) supp or cong



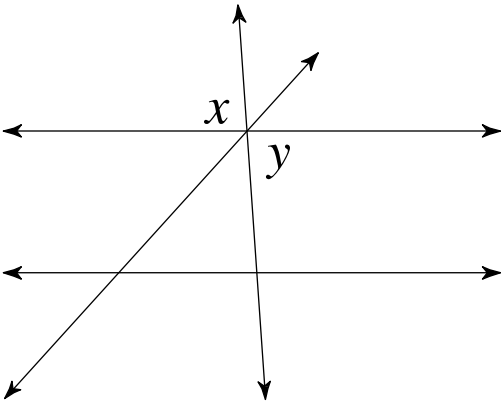
_____ 7) supp or cong



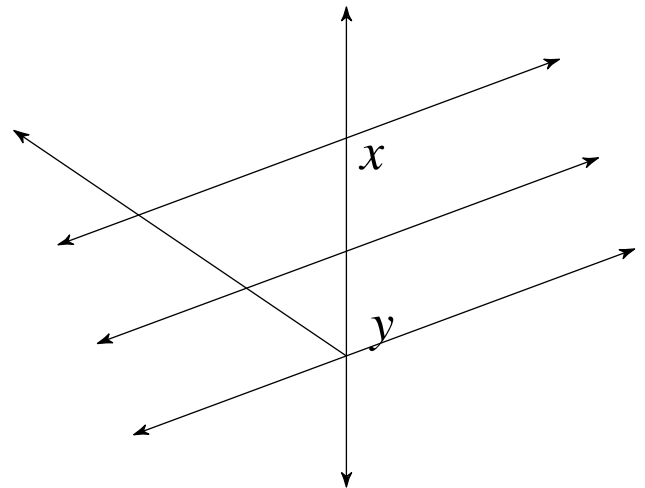
_____ 8) supp or cong



_____ 9) supp or cong



_____ 10) supp or cong



REVIEW

11. $x =$ _____	11. If B is between A and C, find x. $AB = 2x + 7$, $BC = 4x - 11$, $AC = 38$.
12. $AB =$ _____	12. Find AB for $A(3, -5)$ and $B(-2, 1)$. Round to the nearest hundredth.