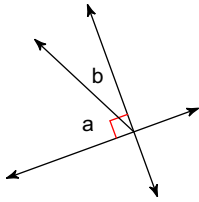


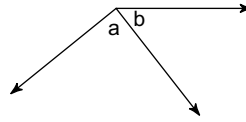
Day 3 Homework

Name the relationship: linear pair, vertical, adjacent, alternate interior, alternate exterior, corresponding, or consecutive interior. AND state whether they are congruent, supplementary or complementary.

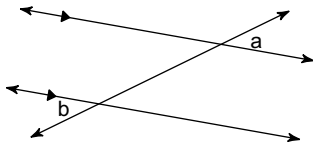
1)



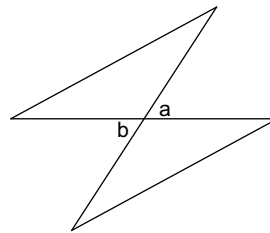
2)



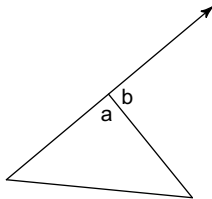
3)



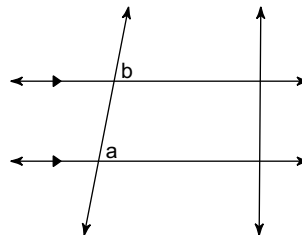
4)



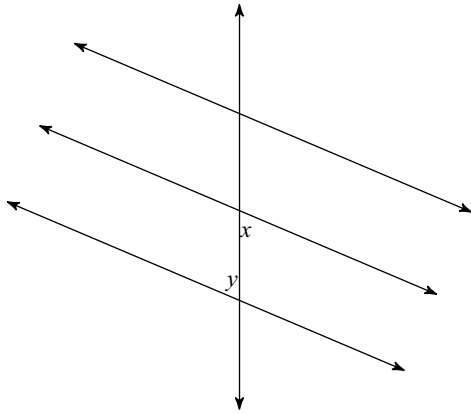
5)



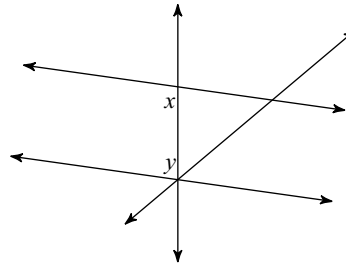
6)



7)

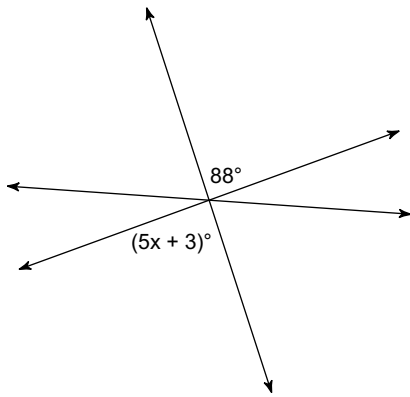


8)

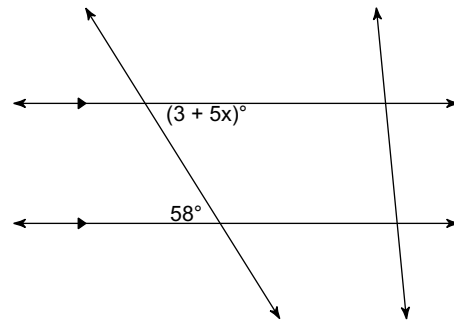


Find the value of x.

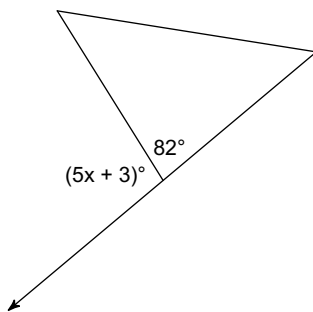
9)



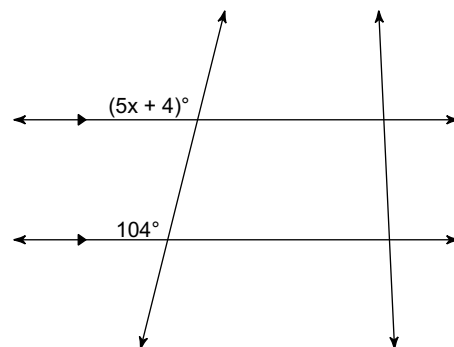
10)



11)

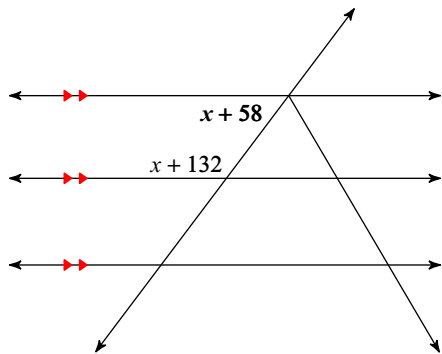


12)

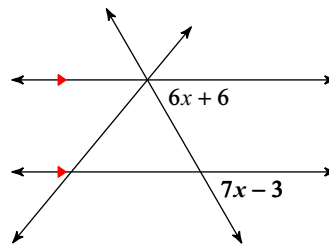


Name the angle relationship. Then find the measure of both angles indicated.

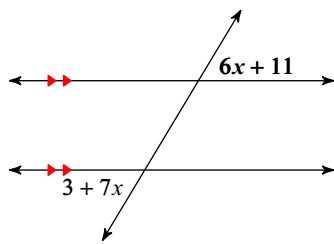
13)



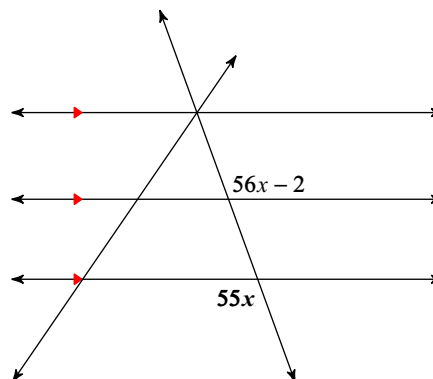
14)



15)



16)



Simplify.

17) $4\sqrt{2} + 3\sqrt{8}$

18) $5\sqrt{6} - 2\sqrt{24}$

19) $\sqrt{2}(\sqrt{2} + \sqrt{6})$

20) $\sqrt{10}(3 - \sqrt{5})$