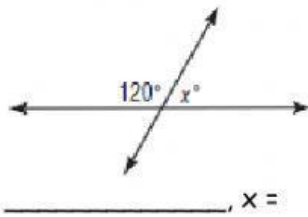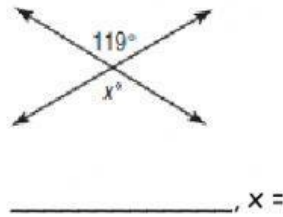Write if angles are complementary, supplementary, or adjacent. Find the value of x in each figure.

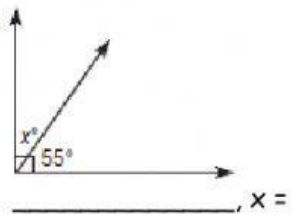**1.**

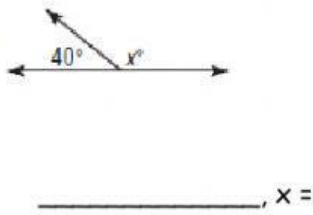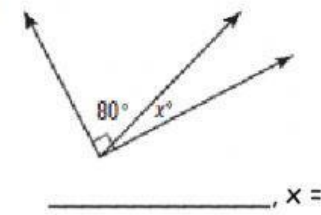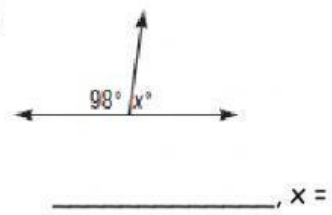120° x°

_____, x =

2.

119°
x°

_____, x =

3.

x°
55°

_____, x =

4.

40° x°

_____, x =

5.

80° x°

_____, x =

6.

98° x°

_____, x =

7.

22°

x°

_____, x =

8.

59° x°

_____, x =

9.

x°   6°

_____, x =

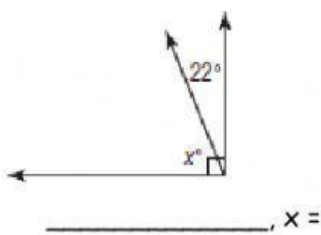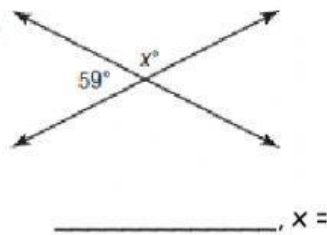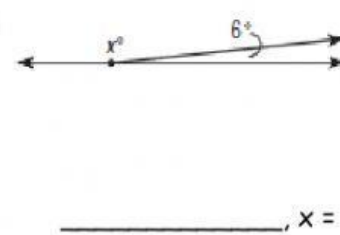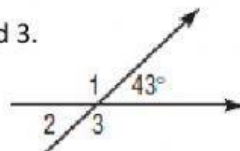**10.** Find the measure of angles 1, 2, and 3.
Explain your reasoning.

1 43°
2 3

11. Name the angles:

a) Vertical: _____ and _____

b) Complementary: ∠c and _____

c) Supplementary: ∠c and _____

d) All adjacent: _____

e) Find values of all angles , if angle c is 30°: _____

a b
c
e
d

LIVEWORKSHEETS