Complementary and Supplementary Angle Worksheet

Name _____ Date _____

1. If two angles add up to 180° they are _____ angles.

2. If two angles add up to 90°, they are _____ angles.
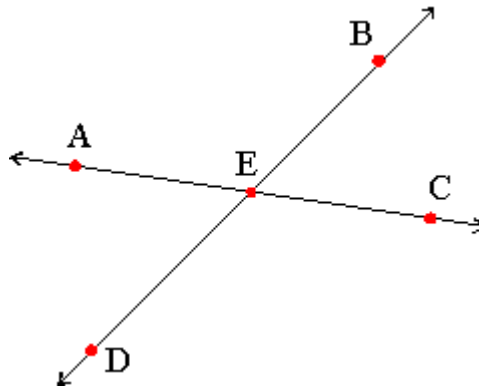
One angle of a pair of complementary angles is given. What is the measurement of the other angle?

3. 45° _____   4. 82° _____   5. 23° _____

One angle of a pair of supplementary angles is given. What is the measurement of the other angle?

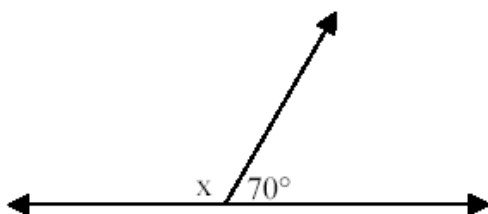6. 173° _____   7. 75° _____   8. 92° _____

9. Name two pairs of supplementary angles in the figure below.
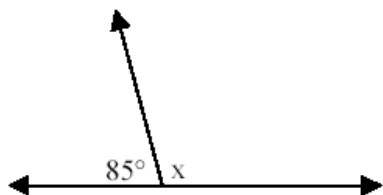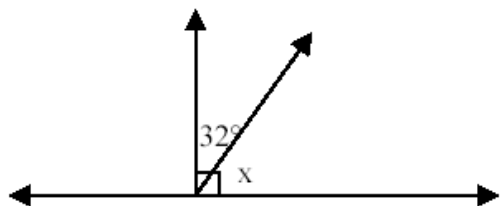

_____, _____

10.

x 70°

These two angles are:

Supplementary _____
Complementary _____
Angle x = _____

11.

85° x

These two angles are:

Supplementary _____
Complementary _____
Angle x = _____

12.

32° x
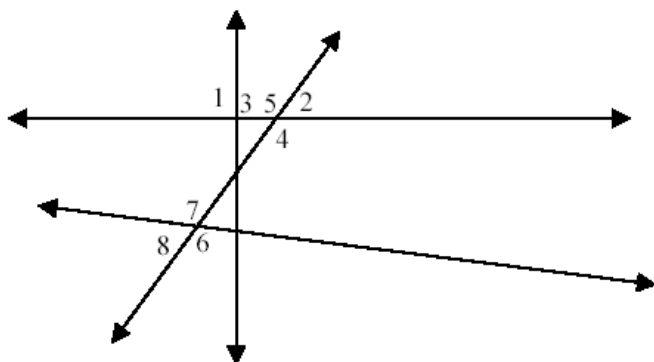
These two angles are:

Supplementary _____
Complementary _____
Angle x = _____

1 3 5 2
4

7
8 6

Given: $\angle 1 = 90°$
$\angle 2 = 34°$
$\angle 6 = 137°$

13. < 3 = _____°

14. < 8 = _____°

15. < 4 = _____°