Worksheet 7-2 – Math 7

Complementary and Supplementary Angles

Classify each pair of angles as *complementary, supplementary, or neither*.

1.

2.

3.
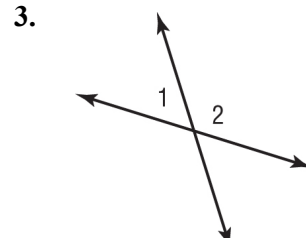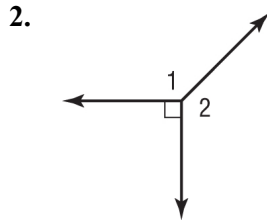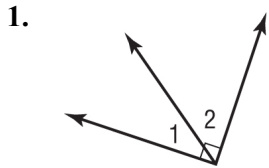
ALGEBRA Find the value of *x* in each figure.

4.

$22°$

$4x°$

5.

$65°$

$(x + 2)°$

6.
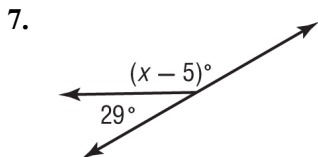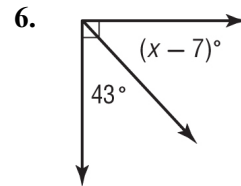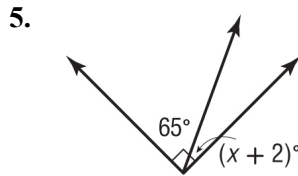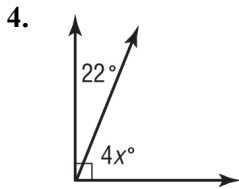

$(x - 7)°$

$43°$

7.

$(x - 5)°$

$29°$

8.

$110°$

$7x°$

9.

$72°$ $(x + 4)°$

10.

$49°$

$(x + 3)°$

11.

$x°$

$92°$ $78°$

12.

$19°$ $(x - 50)°$
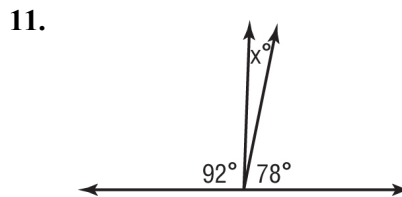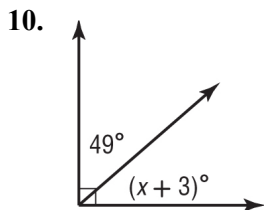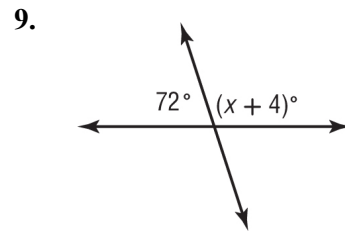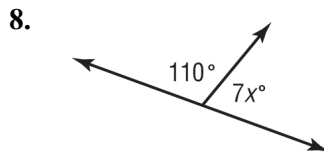
13. ALGEBRA If $\angle C$ and $\angle D$ are supplementary, and the measure of $\angle D$ is 45°, what is the measure of $\angle C$?