Angle Pairs

For **1** through **3,** find *x*.

1.

21°

x°

2.

x°

122°

3.

x°

108°

_____   _____   _____
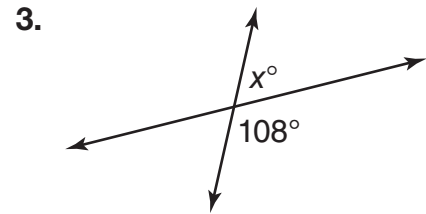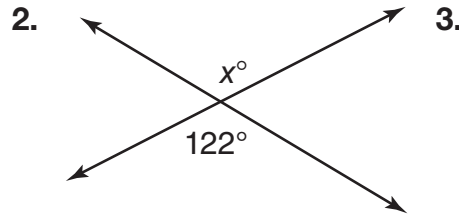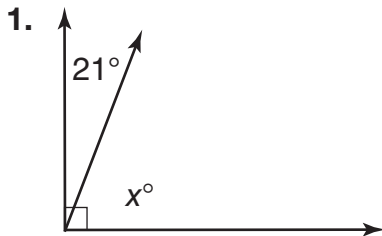
For **4** and **5**, find the measure of an angle that is complementary to an angle with each measure.

For **6** and **7,** find the measure of an angle that is supplementary to an angle with each measure.

4. 43°   **5.** 72°

6. 54°   **7.** 119°

_____   _____   _____   _____
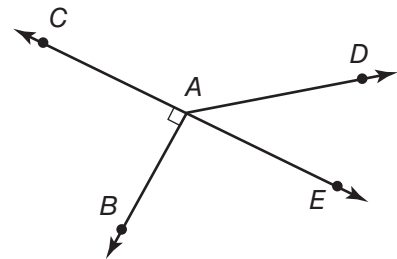
Use the diagram for **8** through **10.**

8. Name two pairs of supplementary angles.

_____

9. Name two angles adjacent to *DAE.*

_____

10. Writing to Explain How could you draw an angle complementary to ∠*DAE* without using a protractor? Tell why your method works.

_____

_____

_____

11. Critical Thinking Which statement is **NOT** true for a pair of intersecting lines?

   A They form two pairs of congruent angles.

   B They form four pairs of complementary angles.

   C They form four pairs of supplementary angles.

   D They form two pairs of vertical angles.