

Name : \_\_\_\_\_

## Supplementary Angles

Sheet 1

A) Find the supplement of each angle.

1)  $108^\circ$

Supplement of  $108^\circ =$  \_\_\_\_\_

2)  $36^\circ$

Supplement of  $36^\circ =$  \_\_\_\_\_

3)  $5^\circ$

Supplement of  $5^\circ =$  \_\_\_\_\_

4)  $161^\circ$

Supplement of  $161^\circ =$  \_\_\_\_\_

5)  $90^\circ$

Supplement of  $90^\circ =$  \_\_\_\_\_

6)  $57^\circ$

Supplement of  $57^\circ =$  \_\_\_\_\_

B) State whether the

1)  $24^\circ, 156^\circ$

\_\_\_\_\_

3)  $99^\circ, 83^\circ$

\_\_\_\_\_

5)  $112^\circ, 68^\circ$

\_\_\_\_\_

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C) 1) If  $\angle 2$  and  $\angle 3$  are supplementary angles, find  $m\angle 2$ .

\_\_\_\_\_

2) If  $\angle 5$  and  $\angle 6$  are supplementary angles, and  $m\angle 5 = 124^\circ$ ; find  $m\angle 6$ .

\_\_\_\_\_

3) If  $\angle 8$  and  $\angle 9$  are supplementary angles, and  $m\angle 9 = 86^\circ$ ; find  $m\angle 8$ .

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