

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

\_\_\_\_\_

# PREVIEW

Gain complete access to the largest  
collection of worksheets in all subjects!

Members, please  
log in to  
download this  
worksheet.

Not a member?  
Please sign up to  
gain complete  
access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

C) 1) If  $\angle 2$  and  $\angle 3$  are supplementary, 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  $m\angle 8$ .

\_\_\_\_\_

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

**Supplementary Angles**

A) Find the supplement of each angle.

1)  $108^\circ$

Supplement of  $108^\circ = \underline{72^\circ}$

2)  $36^\circ$

Supplement of  $36^\circ = \underline{144^\circ}$

3)  $5^\circ$

Supplement of  $5^\circ = \underline{175^\circ}$

4)  $161^\circ$

Supplement of  $161^\circ = \underline{19^\circ}$

5)  $90^\circ$

Supplement of  $90^\circ = \underline{90^\circ}$

6)  $57^\circ$

Supplement of  $57^\circ = \underline{123^\circ}$

B) State whether the

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

supplementary

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

not supplementary

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

supplementary

# PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

supplementary

not supplementary

supplementary

C) 1) If  $\angle 2$  and  $\angle 3$  are supplementary angles, and  $m\angle 2 = 163^\circ$ , find  $m\angle 3$ .

$163^\circ$

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

$56^\circ$

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

$94^\circ$