

## Advanced\_Grade-6\_Geometry

### Complementary and Supplementary Angles

A) Find the complement and supplement of each angle.

1)  $35^\circ$

Complement of  $35^\circ =$  \_\_\_\_\_

Supplement of  $35^\circ =$  \_\_\_\_\_

2)  $20^\circ$

Complement of  $20^\circ =$  \_\_\_\_\_

Supplement of  $20^\circ =$  \_\_\_\_\_

3)  $66^\circ$

Complement of  $66^\circ =$  \_\_\_\_\_

Supplement of  $66^\circ =$  \_\_\_\_\_

4)  $81^\circ$

Complement of  $81^\circ =$  \_\_\_\_\_

Supplement of  $81^\circ =$  \_\_\_\_\_

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B) State whether the given pairs are complementary or supplementary.

1)  $75^\circ, 105^\circ$

\_\_\_\_\_

2)  $76^\circ, 14^\circ$

\_\_\_\_\_

3)  $62^\circ, 28^\circ$

\_\_\_\_\_

4)  $118^\circ, 62^\circ$

\_\_\_\_\_

5)  $132^\circ, 48^\circ$

\_\_\_\_\_

6)  $19^\circ, 71^\circ$

\_\_\_\_\_

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C) Match the following.

1) Complement of  $50^\circ$

$130^\circ$

2) Supplement of  $145^\circ$

$63^\circ$

3) Complement of  $27^\circ$

$35^\circ$

4) Supplement of  $50^\circ$

$40^\circ$