

## Supplementary Angles

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A) State whether the given pairs of angles are supplementary or not.

1)  $127^\circ$ ,  $53^\circ$

2)  $90^\circ$ ,  $59^\circ$

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3)  $60^\circ$ ,  $82^\circ$

4)  $162^\circ$ ,  $18^\circ$

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B) Write the supplement of each angle.

1)  $170^\circ$

2)  $21^\circ$

The supplement of  $170^\circ$  is \_\_\_\_\_ .

The supplement of  $21^\circ$  is \_\_\_\_\_ .

3)  $115^\circ$

4)  $74^\circ$

The supplement of  $115^\circ$  is \_\_\_\_\_ .

The supplement of  $74^\circ$  is \_\_\_\_\_ .

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C) 1)  $\angle 1$  and  $\angle 2$  are a pair of supplementary angles. If  $m\angle 1 = 129^\circ$ , what is  $m\angle 2$ ?

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2)  $\angle 3$  and  $\angle 4$  are a pair of supplementary angles. What is the measure of  $\angle 3$  if  $m\angle 4 = 77^\circ$ ?

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