

Name :

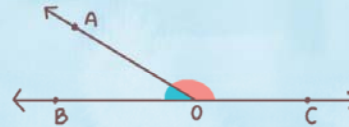
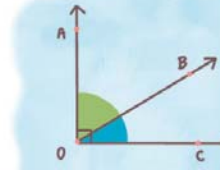
Class :



COMPLEMENTARY AND SUPPLEMENTARY ANGLES

Two angles are called complementary when their sum adds up to 90 degrees.

Two angles are called supplementary when their sum adds up to 180 degrees.



A) Find the complement and supplement of each angle

1) 80°

Complement of $80^\circ =$ _____

2) 72°

Supplement of $72^\circ =$ _____

3) 55°

Complement of $55^\circ =$ _____

4) 60°

Supplement of $60^\circ =$ _____

5) 25°

Complement of $25^\circ =$ _____

6) 40°

Supplement of $40^\circ =$ _____

B) State whether the given pairs are Complementary or Supplementary or none

1) $120^\circ, 60^\circ$

2) $64^\circ, 24^\circ$

3) $50^\circ, 130^\circ$

4) $120^\circ, 60^\circ$

5) $80^\circ, 150^\circ$

6) $60^\circ, 20^\circ$

C) Find the other angle

1) If 1 and 2 are Complementary angles, and $m\angle 1 = 30^\circ$; find $m\angle 2$.

$m\angle 2 =$ _____

2) If 3 and 4 are Supplementary angles, and $m\angle 3 = 80^\circ$; find $m\angle 4$.

$m\angle 4 =$ _____

3) If 5 and 6 are Complementary angles, and $m\angle 5 = 6^\circ$; find $m\angle 6$.

$m\angle 6 =$ _____