

## Concept CW\_Grade-7\_Lines and Angles

### Introduction to Complementary and Supplementary Angles

**Choose correct answer(s) from the given choices**

(1) Which of the following pairs of angles is supplementary?

a.  $66^\circ$  and  $228^\circ$

b.  $42^\circ$  and  $138^\circ$

c.  $38^\circ$  and  $52^\circ$

d.  $22^\circ$  and  $318^\circ$

(2) Which of the following pairs of angles is complementary?

a.  $84^\circ$  and  $96^\circ$

b.  $58^\circ$  and  $32^\circ$

c.  $7^\circ$  and  $186^\circ$

d.  $22^\circ$  and  $276^\circ$

**Fill in the blanks**

(3) The complement of  $26^\circ$  is   $^\circ$ .

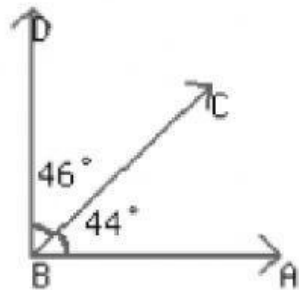
(4) The supplement of  $135^\circ$  is   $^\circ$ .

(5) The supplement of  $46^\circ$  is   $^\circ$ .

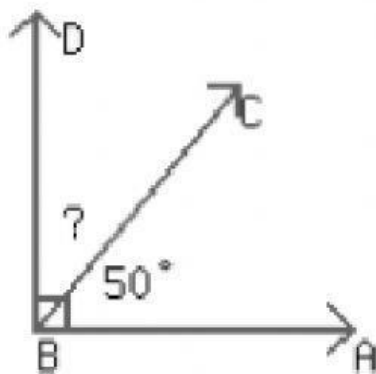
(6) The supplement of  $31^\circ$  is   $^\circ$ .

(7) The complement of  $52^\circ$  is   $^\circ$ .

(8) What is the term used to denote the angles given below?



(9) Compute the measure of  $\angle CBD$  given below.



(10) Compute the measure of  $\angle CBD$  given below.

