

## 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 \_\_\_\_\_.**

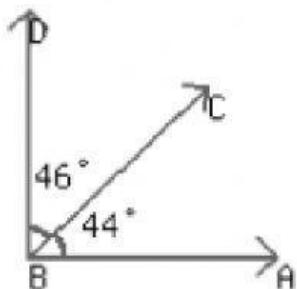
**(4) The supplement of  $135^\circ$  is \_\_\_\_\_.**

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

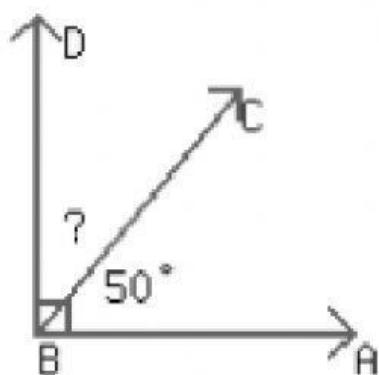
**(6) The supplement of  $31^\circ$  is \_\_\_\_\_.**

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

(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.

