

**UNIT 26** *Solving Inequalities***CSEC Multiple Choice Questions**

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For each of these questions, choose the option that is TRUE.

1. If  $60 - y < 20$ , then  $y$  could be
  - (A) 10
  - (B) 30
  - (C) 40
  - (D) 50
  
2. If the length,  $L$ , of a rectangle is 3 cm more than twice its width,  $W$ , then the relation between  $L$  and  $W$  is
  - (A)  $L > 2W + 3$
  - (B)  $L = 2W + 3$
  - (C)  $L + 3 > 2W$
  - (D)  $2L + 3 = W$
  
3. If  $2x - 1 \leq 3x + 6$ , then
  - (A)  $x \geq -7$
  - (B)  $x \leq 7$
  - (C)  $x > -7$
  - (D)  $x < 7$
  
4. The range of values of  $v$  when  $5 - v \leq 2v - 1$  is
  - (A)  $v < 2$
  - (B)  $v \leq 2$
  - (C)  $v > 2$
  - (D)  $v \geq 2$

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5. If  $40 - x < 3x$ , then the solution is

(A)  $x < 20$

(B)  $x > 20$

(C)  $x > 10$

(D)  $x < 10$

6. If  $x^2 \leq 25$ , then

(A)  $-5 \leq x \leq 5$

(B)  $-25 \leq x \leq 25$

(C)  $x \geq 5$  or  $x \leq -5$

(D)  $0 \leq x \leq 5$

7. If  $x^2 - 4 > 0$ , then  $x$  could be

(A) 0

(B) 1

(C) 2

(D) 3

## **UNIT 26** *Solving Inequalities*

## **CSEC Multiple Choice Questions**

### ***ANSWERS***

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1.    D
2.    B
3.    A
4.    D
5.    C
6.    A
7.    D