	ı.	
	A &&	В
	II.	
	!A &&	i !B
Which of the following best describes the relationship between values produced by expression I and expression II?		
(	A	Expression I and expression II evaluate to different values for all values of A and B.
(	B	Expression I and expression II evaluate to the same value for all values of A and B.
(	©	Expression I and expression II evaluate to the same value only when A and B are the same.
(	D	Expression I and expression II evaluate to the same value only when A and B differ.
(	Ē	Expression I and expression II evaluate to the same value whenever A is true.

Consider the following Boolean expressions.

Consider the following code segment.

```
if (a < b || c != d)
{
   System.out.println("dog");
}
else
{
   System.out.println("cat");
}</pre>
```

Assume that the int variables a, b, c, and d have been properly declared and initialized. Which of the following code segments produces the same output as the given code segment for all values of a, b, c, and d?

```
if (a < b && c != d)
                                                                       if (a > b \&\& c == d)
           {
             System.out.println("dog");
                                                                         System.out.println("cat");
           }
                                                                       }
(A)
                                                            (C)
           else
                                                                       else
           {
                                                                       {
             System.out.println("cat");
                                                                         System.out.println("dog");
           if (a < b && c != d)
                                                                       if (a \ge b \mid \mid c == d)
             System.out.println("cat");
                                                                         System.out.println("cat");
           }
                                                                       }
(B)
                                                            (D)
           else
                                                                       else
                                                                       {
             System.out.println("dog");
                                                                          System.out.println("dog");
                                                if (a >= b \&\& c == d)
                                                {
                                                   System.out.println("cat");
                                     E
                                                else
                                                {
                                                   System.out.println("dog");
```