**Unit 2 Chapter 3 Worksheet: Algorithm Workbench Exercises 11**

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**Match the conditional expression with the if-else statement that performs the same operation.**

1. q = x < y ? a + b : x \* 2;
2. q = x < y ? x \* 2 : a + b;
3. q = x < y ? 0 : 1;

**Option ‘c.’ matches this if-else statement.**

if (x < y)

q = 0;

else

q = 1;

**Option ‘a.’ matches this if-else statement.**

if (x < y)

q = a + b;

else

q = x \* 2;

**Option ‘b.’ matches this if-else statement.**

if (x < y)

q = x \* 2;

else

q = a + b;