

2. double x = 4.9;
int y = (int)x;

What is the value of y?

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- 4
- 4
- 4
- 4
- 4
- 4
- 4
- 5
- 9

X
4.9

y
4

(int) is a cast it says -- return only the integer\ portion of the number (value)

4.9 -> 4

5. int x = 7;
int y = x % 2; 1
boolean answer = y >= 3;

Does answer evaluate to true or false?

7 % 2 remainder 1

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22/23 Students Answered

- A true
- B false
- C I don't know
- i No Explanation

y >= 3

1 >= 3

F

6. boolean p = true;
boolean q = false;

```
if ( p && q ) {  
    System.out.println("Apple");  
} else {  
    System.out.println("Orange");  
}
```

false
if (true && false)

// What does this code display?

!Orange

Show Results

22/23 Students Answered

- A Apple
- B Orange
- C I don't know

7. boolean p = true;
boolean q = true;

```
if( !p || !q ) {  
    System.out.println("Apple");  
} else if( p ^ q ) {  
    System.out.println("Orange");  
} else {  
    System.out.println(Banana);  
}
```

// What does this code display?

false
if (!true || !true)

^
exclusive or -- true ^ true => false

Show Results

22/23 Students Answered

☐ A Apple

☐ B Orange

☒ C Banana ←

☐ D I don't know