Name\_\_\_\_\_\_\_\_\_

1)What is the representation of the third element in an array called a?

A)a[2] B) a(2) C) a(3) D) a[3]

2)Analyze the following code.

public class Test {

public static void main(String[ ] args) {

int[ ] x = new int[3];

System.out.println("x[0] is " + x[0]);

}

}

A)The program runs fine and displays x[0] is 0.

B)The program has a runtime error because the array element x[0] is not defined.

C)The program has a runtime error because the array elements are not initialized.

D)The program has a syntax error because the size of the array wasn't specified when declaring the array.

3)Assume int[ ] t = {1, 2, 3, 4}. What is t.length?

A)3 B) 5 C) 4 D) 0

4)When you pass an array to a method, the method receives \_\_\_\_\_\_\_\_.

A)the reference of the array B) the length of the array

C)a copy of the array D) a copy of the first element

5)Which of the following initializer lists would correctly set the elements of array n?

A) int n[] = {1, 2, 3, 4, 5 };

B) array n[ int ] = { 1, 2, 3, 4, 5 };

C) int n[ 5 ] = {1; 2; 3; 4; 5 };

D) int n = new int( 1, 2, 3, 4, 5 );

6)Consider the class below.

public class Test {

public static void main( String args[] )

{

int a[];

a = new int[ 10 ];

for ( int i = 0; i < a.length; i++ )

a[ i ] = i + 1 \* 2;

int result = 0;

for ( int i = 0; i < a.length; i++ ) {

result += a[ i ];

}

System.out.println(“Result is : “ + result);

}

}

The output of this Java program will be:

A) Result is : 62.

B) Result is : 64.

C) Result is : 65.

D) Result is : 67.

7) For the array declared as

int arr[] = {2, 4, 6, 8, 10};

How would you refer to its first element, the 2?

a) arr[1]

b) arr[0]

c) arr(0)

d) arr[2]

8) Assume the declaration:

int number[] = {1, 3, 5, 7, 9};

Tell what values will be stored in the array.

for (int i = 0; i < number.kength; i ++)

if ( i % 2 = = 0)

number[i] = 2 \* i ;

else

number[i] = 2 \* i + 1;

9) (true/false)Assume the declaration

double a[] = new double[5];

a is an array indexed 0, 1, 2, 3, 4, 5.

10) (true/false)Assume the declaration

double b[] = {0, 0, 0, 0, 0};

b is an array indexed 0, 1, 2, 3, 4.

1)A

2)A

3)C

4)A

5)A

6)C

7) Your answer: arr[0]

8) 0 3 4 7 8

9) false

10) true