



# LANGUAGE FUNDAMENTALS

*Arithmetic  
Operators*

1

*What is the output of the following code?*

```
System.out.println(10 + 10);
```

- A 20
- B 10
- C 30
- D 0

2

*What is the output of the following code?*

```
System.out.println(20 - 10);
```



10



0



20



30

3

*What is the output of the following code?*

```
System.out.println(10 * 10);
```



100



20



10



50

+91 789 2020 689

4

*What is the output of the following code?*

```
System.out.println(10 % 2);
```

- A 1
- B 2
- C 0
- D 10

5

*What is the output of the following code?*

```
System.out.println(10 / 2);
```

- A 2
- B 5
- C 10
- D 20

6

*What is the output of the following expression?*

```
System.out.println(10 + 15 - 5 * 10 / 2);
```

A

10

B

20

C

0

D

15

7

*In the expression  $10 + 15 - (5 * 10) / 2$   
which operator has the highest  
precedence?*

A

*Addition*

B

*Subtraction*

C

*Multiplication*

D

*Division*

8

*What is the output of the following code?*

```
System.out.println(10 + 15 - (5 * 10) / 2);
```

A

10

B

15

C

5

D

20

9

*Which arithmetic operator is used for finding the remainder of a division operation?*

A

+

B

-

C

\*

D

%

10

*What will be the result of the expression  
 $10 - (10 / 2)$ ?*

A

0

B

5

C

10

D

15

11

*In the expression  $5 * 10$ , what is the value of  
the expression?*

A

50

B

10

C

5

D

15

12

*What will be the output of the following code?*

```
System.out.println((10 + 5) * 2);
```

A

20

B

30

C

15

D

25

13

*What is the result of  $20 / 5 ^ 2$  ?*

A

2

B

4

C

8

D

10

14

If  $x = 10$  and  $y = 5$ , what will be the result of the expression  $x - y^2$ ?

A

0

B

5

C

10

D

15

15

Which of the following expressions evaluates to the value 1?

A

$10 \% 3$

B

$5 - 4$

C

$10 - 9$

D

All of the above

16

*What is the output of the following code?*

```
System.out.println(10 + (15 - 5) * 2);
```

A

10

B

25

C

30

D

20

17

*What will be the of the following code?*

```
System.out.println(20 - 5 * 2 + 10);
```

A

10

B

20

C

15

D

25

18

*In the expression  $10 + 15 - 5 * 10 / 2$ , what will be calculated first?*



*Addition*



*Subtraction*



***Multiplication***



*Division*

19

*What is the result of the expression  $10 + 20 \% 3$ ?*



**10**



**12**



**16**



**20**

20

*What is the output of the following code?*

```
System.out.println(30 / 3 + 10 * 2);
```

A

20

B

25

C

30

D

35