



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

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