

**1. What is the output of print(2 \*\* 3 \*\* 2)?**

Answer: 512 (since  $3 ** 2 = 9$ , then  $2 ** 9 = 512$ )

**2. What is the output of print(2 \* 3 \*\* 3 \* 4)?**

Answer: 216 ( $3 ** 3 = 27$ , then  $2 * 27 * 4 = 216$ )

**3. What is the output of print(10 - 4 \* 2)?**

Answer: 2 ( $4 * 2 = 8$ , then  $10 - 8 = 2$ )

**4. What is the output of print(-18 // 4)?**

Answer: -5 (floor division of -18 by 4 gives -5)

**5. What is the output of print(2 % 6)?**

Answer: 2 (remainder of 2 divided by 6 is 2)

**6. What is the output of the following code? x = 100 y = 50 print(x and y)**

Answer: 50 (since both are non-zero, result is y = 50)

**7. What is the value of print(36 / 4)?**

Answer: 9.0 (division gives float in Python 3)

**8. What is the output of var1=1, var2=2, var3='3'; print(var1+var2+var3)?**

Answer: Error (TypeError: unsupported operand types int + str)

**9. What is the output of p,q,r=10,20,30; print(p,q,r)?**

Answer: 10 20 30

**10. What is the output of valueOne=5\*\*2, valueTwo=5\*\*3; print(valueOne), print(valueTwo)?**

Answer: 25 125

**11. What is the output of var='James'\*2\*3; print(var)?**

Answer: JamesJamesJamesJamesJamesJames

**12. What is the output of x=36/4\*(3+2)\*4+2; print(x)?**

Answer: 182.0

**13. What is the data type of print(type(10))?**

Answer:

**14. Creating variables int, float, string.**

Answer: Example: int\_var = 10 float\_var = 10.5 string\_var = 'Hello'

**15. Create Integer number. Roll number is: 33 25**

Answer: Correct demonstration of int variables.