

One variable

Substitute the value, then compute.

1. $7n - 16$ when $n = 11$

Answer: 61

2. $2t + 15$ when $t = 9$

Answer: 33

3. $5y - 18$ when $y = 9$

Answer: 27

4. $k \div 8$ when $k = 96$

Answer: 12

5. $4n - 13$ when $n = 10$

Answer: 27

6. $3t + 3$ when $t = 11$

Answer: 36

7. $x + 2$ when $x = 6$

Answer: 8

8. $m \div 8$ when $m = 64$

Answer: 8

9. $t \div 4$ when $t = 28$

Answer: 7

10. $4x + 8$ when $x = 5$

Answer: 28

11. $y \div 6$ when $y = 48$

Answer: 8

12. $k \div 7$ when $k = 70$

Answer: 10

Parentheses and more than one operation

Substitute, then follow the order of operations.

1. $(k + 11) \div 6$ when $k = 19$

Answer: 5

2. $8(t + 5)$ when $t = 11$

Answer: 128

3. $7(t - 6)$ when $t = 15$

Answer: 63

4. $7(k + 4)$ when $k = 12$

Answer: 112

5. $4(k + 2) + 2$ when $k = 9$

Answer: 46

6. $(t + 2) \div 2$ when $t = 12$

Answer: 7

7. $2(m - 5)$ when $m = 12$

Answer: 14

8. $2(m + 1)$ when $m = 8$

Answer: 18

9. $6(t + 5) + 9$ when $t = 5$

Answer: 69

10. $2(x + 2) + 2$ when $x = 10$

Answer: 26

11. $5(x - 5)$ when $x = 15$

Answer: 50

12. $7(y - 1)$ when $y = 7$

Answer: 42

Two variables

Substitute both values, then compute.

1. $3x - 4y$ when $x = 9$, $y = 4$

Answer: 11

2. $7m - 5n$ when $m = 11$, $n = 2$

Answer: 67

3. $(m + n) \times 3$ when $m = 6$, $n = 8$

Answer: 42

4. $4x - 5y$ when $x = 7$, $y = 5$

Answer: 3

5. $8x + 5y$ when $x = 7$, $y = 2$

Answer: 66

6. $(x + y) \times 4$ when $x = 4$, $y = 2$

Answer: 24

7. $7x - 3y$ when $x = 12$, $y = 23$

Answer: 15

8. $(x + y) \times 6$ when $x = 9$, $y = 2$

Answer: 66

9. $(a + b) \times 4$ when $a = 2$, $b = 7$

Answer: 36

10. $4m - 5n$ when $m = 12$, $n = 6$

Answer: 18

11. $3a - 3b$ when $a = 8$, $b = 7$

Answer: 3

12. $4m - 4n$ when $m = 4$, $n = 1$

Answer: 12