

One variable

Substitute the value, then compute.

1. $3x + 6$ when $x = 4$

Answer: 18

2. $t + 10$ when $t = 11$

Answer: 21

3. $4n + 7$ when $n = 12$

Answer: 55

4. $m + 19$ when $m = 9$

Answer: 28

5. $k + 3$ when $k = 2$

Answer: 5

6. $y \div 7$ when $y = 56$

Answer: 8

7. $4m - 8$ when $m = 5$

Answer: 12

8. $7x - 5$ when $x = 4$

Answer: 23

9. $k + 18$ when $k = 12$

Answer: 30

10. $9k - 17$ when $k = 8$

Answer: 55

11. $y + 13$ when $y = 9$

Answer: 22

12. $n \div 9$ when $n = 108$

Answer: 12

Parentheses and more than one operation

Substitute, then follow the order of operations.

1. $5(k - 5)$ when $k = 13$

Answer: 40

2. $5(k + 8) + 6$ when $k = 10$

Answer: 96

3. $(t + 15) \div 5$ when $t = 45$

Answer: 12

4. $6(y - 5)$ when $y = 13$

Answer: 48

5. $6(y + 7) + 5$ when $y = 5$

Answer: 77

6. $6(m + 2) + 6$ when $m = 2$

Answer: 30

7. $2(n + 1)$ when $n = 6$

Answer: 14

8. $7(k - 2)$ when $k = 11$

Answer: 63

9. $3(n + 4) + 1$ when $n = 8$

Answer: 37

10. $2(t + 6)$ when $t = 7$

Answer: 26

11. $7(n - 1)$ when $n = 3$

Answer: 14

12. $2(x + 1)$ when $x = 2$

Answer: 6

Two variables

Substitute both values, then compute.

1. $3x - 2y$ when $x = 5$, $y = 5$

Answer: 5

2. $5m + 6n$ when $m = 2$, $n = 5$

Answer: 40

3. $2a + 4b$ when $a = 3$, $b = 6$

Answer: 30

4. $2x - 3y$ when $x = 10$, $y = 5$

Answer: 5

5. $(m + n) \times 5$ when $m = 2$, $n = 6$

Answer: 40

6. $(m + n) \times 3$ when $m = 4$, $n = 9$

Answer: 39

7. $(a + b) \times 2$ when $a = 7$, $b = 3$

Answer: 20

8. $6x + 6y$ when $x = 8$, $y = 9$

Answer: 102

9. $3m - 3n$ when $m = 7$, $n = 3$

Answer: 12

10. $7m - n$ when $m = 11$, $n = 18$

Answer: 59

11. $4m + 2n$ when $m = 4$, $n = 4$

Answer: 24

12. $5a + 7b$ when $a = 5$, $b = 10$

Answer: 95