

One variable

Substitute the value, then compute.

1. $6n + 2$ when $n = 9$

Answer: 56

2. $m \div 8$ when $m = 40$

Answer: 5

3. $x \div 2$ when $x = 16$

Answer: 8

4. $9m + 5$ when $m = 5$

Answer: 50

5. $7k + 1$ when $k = 2$

Answer: 15

6. $8x + 11$ when $x = 5$

Answer: 51

7. $5m + 13$ when $m = 9$

Answer: 58

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

Answer: 27

9. $m + 2$ when $m = 8$

Answer: 10

10. $4k + 11$ when $k = 6$

Answer: 35

11. $x + 18$ when $x = 8$

Answer: 26

12. $6k - 19$ when $k = 6$

Answer: 17

Parentheses and more than one operation

Substitute, then follow the order of operations.

1. $(m + 8) \div 6$ when $m = 4$

Answer: 2

2. $(n + 12) \div 5$ when $n = 48$

Answer: 12

3. $2(y + 8) + 11$ when $y = 10$

Answer: 47

4. $6(x - 7)$ when $x = 13$

Answer: 36

5. $5(m + 1)$ when $m = 6$

Answer: 35

6. $(t + 6) \div 7$ when $t = 22$

Answer: 4

7. $2(k - 4)$ when $k = 13$

Answer: 18

8. $5(k - 6)$ when $k = 16$

Answer: 50

9. $(y + 36) \div 4$ when $y = 12$

Answer: 12

10. $5(k + 9)$ when $k = 4$

Answer: 65

11. $5(k - 1)$ when $k = 9$

Answer: 40

12. $6(y - 7)$ when $y = 15$

Answer: 48

Two variables

Substitute both values, then compute.

1. $4x - y$ when $x = 11$, $y = 35$

Answer: 9

2. $(m + n) \times 6$ when $m = 7$, $n = 9$

Answer: 96

3. $7a + 3b$ when $a = 10$, $b = 4$

Answer: 82

4. $(a + b) \times 2$ when $a = 6$, $b = 2$

Answer: 16

5. $5a + 2b$ when $a = 6$, $b = 5$

Answer: 40

6. $8x + 6y$ when $x = 4$, $y = 7$

Answer: 74

7. $3x + 3y$ when $x = 6$, $y = 10$

Answer: 48

8. $(a + b) \times 5$ when $a = 6$, $b = 6$

Answer: 60

9. $5m - 4n$ when $m = 4$, $n = 1$

Answer: 16

10. $4x - 4y$ when $x = 6$, $y = 3$

Answer: 12

11. $7a - 5b$ when $a = 6$, $b = 7$

Answer: 7

12. $2a + 5b$ when $a = 4$, $b = 2$

Answer: 18