

Substituting into an expression

1. Substitute these values into each expression; $a = 5$, $b = 2$

- a. $a + b$
- b. $a - b$
- c. $2a + 3b$
- d. $5a - b$

2. Substitute these values into each expression; $x = 4$, $y = 7$, $z = 2$

- a. $x + y + z$
- b. $2x - y + 3z$
- c. $4y + 2z - x$
- d. $x^2 + 7y + 5x$

3. Substitute these values into each expression; $m = -2$, $n = 4$, $p = 3$, $q = -8$

- a. $m + n$
- b. $p + q - 2n$
- c. $2q - p$
- d. $3m - 2q$
- e. $m^2 + 4p + q$

4. Find the value of each expression using the values given.

- a. $\frac{x}{2} + 4y$ $x = 10, y = 2$
- b. $3(p + 2q)$ $p = 8, q = 3$
- c. $m + n(q + 3)$ $m = 4.5, n = 6, q = -1$
- d. $(u + v)^x$ $u = 7, v = -4, x = 4$