

Evaluate the Expressions - Single Variable

ES1

Evaluate each algebraic expression for the given value of the variable.

1) $16 - x$ at $x = 5$

2) $3n$ at $n = 11$

3) p^3 at $p = 2$

4) $r + 4$ at $r = 13$

5) $\frac{4}{m} + 1$ at $m = 1$

6) $c - 9$ at $c = 16$

7) b^2 at $b = 4$

8) $\frac{y}{5}$ at $y = 15$

9) $\frac{27}{s}$ at $s = 9$

10) $\frac{q}{3} + 4$ at $q = 3$

Look at the phrases below and re-write them into an algebraic expression:

- 1.) A number minus 18
- 2.) A number decreased by 16
- 3.) x plus twelve is twenty one
- 4.) x times twelve is forty-six
- 5.) six increased by twelve
- 6.) two times eight
- 7.) six more than twice a number
- 8.) eight divided by twice a number
- 9.) The sum of seven and x
- 10.) x times eleven is equal to thirty-three
- 11.) The difference between x and eight is equal to fifteen.
- 12.) A number plus ten
- 13.) The quotient of x and four is thirteen
- 14.) x increased by five is equal to thirty-eight.
- 15.) The product of a number and thirteen.