

Evaluating Algebraic Expressions

1. $(5 - z)(x + 3) - x$; use $x = 6$, and $z = 3$	2. $r + q - q + p^2$; use $p = 5$, $q = 4$, and $r = 4$
3. $\frac{x}{5} + 6 - 1 + y^3$; use $x = 5$, and $y = 1$	4. $5h - \left(\frac{h}{5} - k\right)$; use $h = 5$, and $k = 1$
5. $y\left(\left(\frac{x}{4}\right)^3 + y\right)$; use $x = 4$, and $y = 4$	6. $y^3 + yz + z + y$; use $y = -2$, and $z = 6$
7. $x^2\left(y + \frac{x}{5} + 4\right)$; use $x = -5$, and $y = -5$	8. $x - \left(x^2 + x - \frac{y}{4}\right)$; use $x = -6$, and $y = 4$



Answers

1. 12
2. 29
3. 7
4. 25
5. 20
6. -16
7. -50
8. -35