

Algebraic Substitution (Review)

Name: _____

Date: _____

- Evaluate $3.2b + 4.1$ for $b = 7.4$
- Evaluate $4.7t + 3.8$ for $t = 3.1$
- Evaluate $2.4a + 4.5$ for $a = 1.4$
- If $j = 543.1$, then what is $j - 7.34$?
- What is $4n + 10n$, if $n = \frac{1}{2}$?
- Given $a = 20$ and $b = \frac{a}{4} - 3$.
What is the value of b ?
- Given $a = 48$ and $b = \frac{a}{8} + 3$.
What is the value of b ?
- If $n = 45$, find the value of p in the equation $p = \frac{n}{9} + 5$.
- Given $x = 2$, what is $4x(x + 3)$?
- Given $y = 5$, what is $(y - 3)(y + 4)$?
- Evaluate $8 + 2(a + b) - 10 \div b + a^2$ for $a = 3$ and $b = 2$
- Evaluate $(8 + 2(m + n) - 10) \div n + m^2$ for $m = 3$ and $n = 2$
- Evaluate $8 + 2(a + b) - (10 \div b + a^2)$ for $a = 3$ and $b = 2$
- Evaluate $[(8 + 2)(m + n) - 10] \div n + m^2$ for $m = 3$ and $n = 2$
- If $x = 4$ and $y = 8$, what is $x^2 - y$?
- Evaluate: $3a^2 - 4a + 2$ when $a = 2$
- Evaluate: $5a^2 + 2a - 17$ when $a = 3$
- If $a = 4$, what is the value of $4a^2 - 7a - 1$?
- What is the value of w if $t = 3$?
$$w = \frac{5t^4}{3t^5}$$
- Evaluate: $\frac{2^3(x + 3)}{3}$ for $x = 6$