

Name: _____

Date: _____

Substitution

Instructions: Evaluate each expression by substituting in the given values.

1. If $a=6$, $b=8$, then what is $3ab$?

2. If $a=-3$, $b=2$, then what is $3a+3b$?

3. If $a=-6$, $b=5$, then what is $-\frac{10a}{b}$?

4. If $r=0$, $s=4$, $t=2$, then what is $2r+s+2t$?

5. If $r=1$, $s=2$, $t=3$, then what is $4r+\frac{8}{s}+t^2$?

6. If $r=-4$, $s=\frac{1}{2}$, $t=9$, then what is $\frac{3r+t}{s}$?

7. If $r=\frac{1}{4}$, $s=\frac{1}{5}$, $t=\frac{2}{3}$, then what is rst ?

8. If $r=6$, $s=-3$, $t=2$, then what is $\frac{2r^2s}{t^2}$?

9. If $t=-1$, $u=3$, $v=\frac{2}{5}$, $w=4$, then what is $4t^3+2u^2+10v-w$?

10. If $t=\frac{1}{2}$, $u=\frac{2}{7}$, $v=\frac{3}{4}$, $w=\frac{2}{3}$, then what is $\frac{2tuv}{w}$?