

Name _____ Expression Substitution Practice

Directions: Find the value of the expression when $a = \frac{1}{3}$, $b = 9$, $c = 5$, $d = 10$

1.) $6a + 4$

2.) $5a - \frac{2}{3}$

3.) $5d \div c + 2$

4.) $b^2 - 9a$

5.) $d^2 \div 2c - b + 3a$

6.) $3c + b^2 \div 27a - d$

7.) Evaluate the expression for the set of values given in the table.

c	1	2	3
$28 - c^3 + 6$			

8.) Juan rented a paddleboard for \$5.75 per hour plus a \$17.50 fee. Write an expression that shows how much it will cost Juan to rent the paddleboard for x hours. Then evaluate the expression for 3 hours.