

In each equation, identify both the dependent and the independent variable.

1. a. $y = 7x$

b. $c = 3s - 5$

c. $m = \frac{2}{3}n + 6$

dependent variable: _____ dependent variable: _____ dependent variable: _____

independent variable: _____ independent variable: _____ independent variable: _____

In each equation, find the value of the *dependent variable* for the given value of the *independent variable*.

2. $y = 4x$

$a = 5b + 9$

$m = 4n - 8$

If $x = 3$, then $y =$ _____.

If $b = 0$, then $a =$ _____.

If $n = 5$, then $m =$ _____.

Complete each Table of Values by solving each equation for the given values of the independent variable.

3. $y = x + 3$

Table of Values

x	y
0	
1	
2	
3	

4. $y = 2x - 2$

Table of Values

x	y
1	
2	
3	
4	

5. $p = 3r + 0.5$

Table of Values

r	p
1.5	
2	
2.5	
3	

6. $c = 4n + 1$

Table of Values

n	c
2	
4	
6	
8	

7. $r = \frac{1}{2}s + 6$

Table of Values

s	r
0	
3	
6	
9	

8. $m = \frac{2}{3}n - 1$

Table of Values

n	m
3	
6	
9	
12	