Mrs. Peden	Name and Date:	
	Recall Opposite operations	
Important Terms:	1.	
Equation: \S	can be solved	
sign, it	can be solved	
<sub>Variable:</sub> Q \e	Her used to rep an unknown t	ł
Simplifi	, , , , , ,	
expression	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
•	( 3+34=8	
2+3y -12+2+	(3+4)	

Isolate'x'  

$$X + 10 = 18$$
 Left = Right  
 $X + 10 - 10 = 18 - 10$  L.s.  $2 + 10 = 18 - 10$   
 $1 + 10 = 18 - 10$   $1 + 10 = 18 - 10$   
 $1 + 10 = 18 - 10$   $1 + 10 = 18 - 10$   
 $1 + 10 = 18 - 10$   $1 + 10 = 18 - 10$   
 $1 + 10 = 18 - 10$   $1 + 10 = 18 - 10$   
 $1 + 10 = 18 - 10$   $1 + 10 = 18 - 10$ 

Mrs. Peden	Name and Date:
Solving Equations	s: By opposite operation
	To perform opposite operations, you must:  1. Discover the opposite operation  2. Perform that operation to both sides of the equal sign because ***left side has to equal right side of equal sign***
	Opposite of +10 is -10 (negative (0)  Contract (0)
a) x + 10 = 18	4-44 = 16-4 (Pt = 16-
) as [m]	
c) 36 = 1 - 20 \ t 20 = \( \cdot \)	32 = 16 + K
06 = V	16 = K
	Chelk L.S. = R.S.
	V32 = 16+K
	= 16+16
	S 5/ 1/

Ars Peden Name and Date

## Work: page 49 # 7-8 and the work below

Solve the following equations by determining a value for the unknown variable  $% \left( \frac{1}{2}\right) =\left( \frac{1}{2}\right) \left( \frac{1}{2}\right)$ 

, , ,		
a) x + 5 = 25	b) 81 = f – 10	c) 12 + d = 32
d) 15 = r - 5	e) 11 + k = 25	f) a + 14 = 28
g) s – 12 = 12	h) 5 + g = 35	i) 42 = k – 8
j) 7 + x = 12	k) v + 6 = 18	I) x - 20 = 5
m) 12 + y = 25	n) 12 = g – 4	o) 22 = z - 6