Problems

3.12)

(o) X

(c) 
$$2x-3=4x+8$$
  
 $-11=2x$   
 $(d) -\frac{11}{2}=x$ 

(e) 
$$2\left(-\frac{11}{2}\right) - 3 = 4\left(-\frac{11}{2}\right) + 8$$
  
 $-11 - 3 = -22 + 8$   
 $-14 = -14$ 

3.13)

(a) 
$$3x + 2 = s(7)$$

(b) 
$$3x = 33$$
  
 $x = 11$ 

3.(4) 
$$X = 2(x-6) - 3$$
  
 $X = 2x - 12 - 3$   
 $15 = X$ 

$$|4(2x+1) = 546$$
 $2x+1 = \frac{546}{1+}$ 
 $2x+1 = 39$ 
 $2x = 38$ 

Exercise

3.3.1) 3x = 2x+3

3.3.2) × is my age.

3 = x . My brether's age is 4x.4(3)=[12.]

## 3.3.3)

$$\frac{6x}{2}$$
 + 17 = (9-15+12)+ 4x

$$II = x$$

3.3.4) ×: a mount of Nickely

$$0.05X + 0.3X = 36.05$$

$$0.35x = 36.05$$

$$x = \frac{36.05}{0.35} = \frac{36.05}{35} = \frac{51.5}{5} = 103$$

$$\frac{3.3.5}{3} = 43$$

$$\frac{138-3}{9}=\frac{135}{9}=\frac{15}{1}$$

3.3.6)

X: Nacimiente de Walter

1994-X

X = (1994-x): No crimiento de la abuela 2x = 1994

 $\times + 2x - 1994 = 3838$ 

1999 - 1944 = 55 2000

3x = 3838 + 1994

3x = 5832

× = 1944

1994 walter fense so años.