$$3r^{2} + r = 27 + 3r - 2r$$
 $5r^{2} = 27$ 
 $r^{2} = 9$ 
 $r^{2} = 9$ 
 $r^{3} = 7$ 
 $r^{2} = 9$ 
 $r^{3} = 9$ 
 $r^{4} = 9$ 

$$4\sqrt{y} = x$$

$$x + 2x - 2 = 4$$

$$3x = 6$$

$$x = 2$$

$$\frac{3.37}{24\sqrt{9}} + \frac{9}{24\sqrt{9}} = 1$$

## 3.38) X: Amount of each coin.

$$(a)$$
  $(x-1)+x+(x+1) = 3x$ 

$$(4) \qquad (x-11)+(x-10)+\cdots+x+(x+1)+(x+2)\cdots(x+11)=23x$$

$$(4) \qquad (x+11)+(x+10)+\cdots+x+(x+11)+(x+12)\cdots(x+11)=23x$$

$$\frac{3}{1 - \frac{2}{4}} = 32$$

$$3 = 32 \left(1 - \frac{2}{4}\right)$$

$$3 = 32 - 6$$

$$9 = 32$$

$$3 = 2$$

3.41)
$$2x+4-x = 4x+2b - 3x - 3b$$

$$x+4 = x - b$$

$$4 = -6 \qquad -b=4$$

$$b = -4$$

3.42)
$$\frac{3}{4-2} + \frac{q}{2-6} = 12$$

$$\frac{3}{4-2} - \frac{q}{4-2} = 12$$

$$-6 + 18 = 12$$

$$-6 + 24 = 124$$
(com probación
$$\frac{3}{-\frac{1}{2}} + \frac{q}{\frac{q}{2}-\frac{3}{2}} = 12$$

$$-6 + 18 = 12$$

$$12 = 12$$

19 = (2 t

3.43)
$$\frac{3+\sqrt[3]{6}}{\sqrt{3-\sqrt[3]{6}}} = 3$$

$$\frac{\sqrt[3]{5}-\sqrt[1]{5}}{\sqrt[5]{5}-\sqrt[1]{5}} = \frac{\sqrt[3]{3}}{\sqrt[3]{5}} = \frac{\sqrt[3]{3}}{\sqrt[3]{5}} = 3$$

$$\sqrt[3+\sqrt[3]{6}} = 3\sqrt[3-\sqrt[3]{6})$$

$$3+\sqrt[3]{6} = 9(3-\sqrt[3]{6})$$

$$3+\sqrt[3]{6} = 24 - 9\sqrt[3]{6}$$

$$(0)\sqrt[3]{6} = 24$$

$$\sqrt[3+\sqrt[3]{6} = 24$$

$$\frac{\sqrt{x+1} + \sqrt{x-1}}{\sqrt{x+1}} = 3$$