Algunos veces las ecuaciones parecen no ser tan sencillas, sin embago, estar a vnos pequeños paros de sor ecuaciones líneolos.

Problemas

$$3.16)$$
 $3\sqrt{x} - 2 = 30 - \sqrt{x}$

(a)
$$y = \sqrt{x}$$
. $3y - 2 = 30 - y$

(6)
$$4y = 32$$
 (c) $8 = \sqrt{x}$
 $y = 8$ $64 = x$

3.17)
$$\frac{3}{x} - 2 = 7 + \frac{2}{x}$$

$$(a) \times \left(\frac{3}{x} - 2\right) = \times \left(\frac{1}{x} + \frac{2}{x}\right)$$

$$(c) \frac{3}{x} - \frac{2}{x} = q$$

3.18)

(a)
$$\sqrt{2z+1} - 5 + 2\sqrt[3]{2z+1} = -14$$

$$X = \sqrt[3]{2z+1}$$

$$X = -9$$

$$X = -3$$

$$X = -3$$

$$2 = -14$$
 $2 = -14$

(6)
$$2\sqrt{\Gamma} + 13 - \sqrt{\Gamma} = 9 - \sqrt{\Gamma}$$

$$2\sqrt{\Gamma} = -4$$

$$\sqrt{\Gamma} = -2$$
No tiene solution ex

(c)
$$\frac{X}{X-1} + \frac{2}{3} = \frac{2}{X-1}$$

 $\frac{X-2}{X-1} = -\frac{2}{3}$

$$3x-6 = -2x+2$$
$$8x = 8$$

Exercises

3.4.1)
$$\frac{2}{x} - \frac{3}{5} + \frac{1}{x} = \frac{1}{5}$$
 $\frac{3}{x} = \frac{4}{5}$
 $\frac{15}{4} = x$

$$4 - \sqrt{2r} = \sqrt{2r} - 6$$

$$4 - \sqrt{25} = \sqrt{25} - 6$$

$$10 = 2 \sqrt{2r}$$

$$5 = \sqrt{2r}$$

$$25 = 2r$$

$$25 = r$$

$$\frac{x}{3x-7} = \frac{2}{5}$$

No hay solución válida.

Revisona:

extraneous.

Recordemos que \$\frac{1}{2-2} está

destinida como el número positive

Cuyac Cuarla potencia es 2-2.

3.4.5)

$$\frac{\chi}{\chi-1} + \frac{2}{3} = \frac{2}{\chi-1}$$

$$\Gamma = \frac{1}{\chi-1}$$

$$XL + \frac{3}{5} = 5L$$

$$\frac{2}{3} = 2r - xr$$

$$\frac{2}{3} = 7(2-x)$$

$$\frac{2}{3r} = 2-x$$

$$x = \frac{L}{l} + 1$$

$$x - 1 = \frac{L}{l}$$

$$(0) \quad L = \frac{x - 1}{l}$$

(p)
$$(\frac{1}{1} + 1) + \frac{3}{2} = 5$$

Sustringendo...

$$\frac{5}{3} \times + \frac{2}{3} = 2\left(\frac{5}{3}\right)$$

$$\frac{5}{3} \times = \frac{16}{3} - \frac{2}{3}$$

$$\frac{5}{3} \times = \frac{8}{3}$$

$$5 \times = 8$$

$$\times = \frac{8}{5}$$