

$$\underline{(1/10)}$$

Agk. 16ε2.74

$$a) \frac{1}{x-4} \leadsto \underline{x-4} \neq 0$$

$$x \neq +4 + 0$$

$$x \neq 4$$

$$b) \frac{y+3}{2y-5} \leadsto \underline{2y-5} \neq 0$$

$$2y \neq 0 + 5$$

$$2y \neq 5$$

$$\frac{2y}{2} \neq \frac{5}{2}$$

$$y \neq \frac{5}{2}$$

$$γ) \frac{w-2}{(w+1)^2} \leadsto (w+1)^2 \neq 0$$

$$\Rightarrow \underline{w+1} \neq 0$$

$$w \neq 0 - 1$$

$$w \neq -1$$

$$\delta) \frac{6x+1}{x(x-3)} \leadsto x(x-3) \neq 0$$

Ενας τινος/γμος κανει μηδεν
ὅταν ἕνας ορος του κανει μηδέν, Άρα

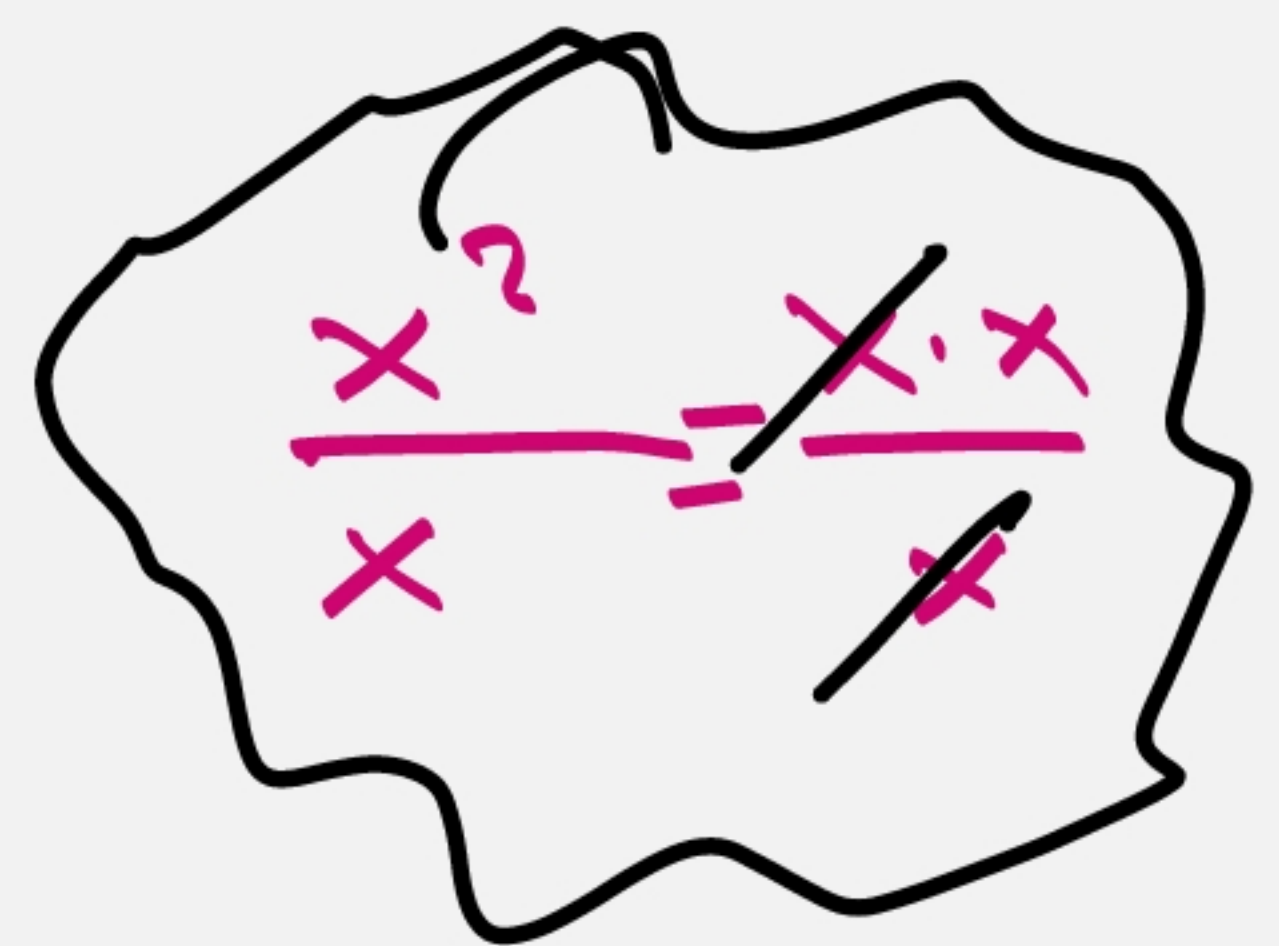
$$x \neq 0 \quad \text{και} \quad x-3 \neq 0$$

$$x \neq 0+3$$

$$x \neq 0 \quad \text{και} \quad x \neq 3$$

⦿ Απλοποιήσεις ρηζών Παράστασεων. (σελ 71-72)

Πχ 1) $\frac{\overset{2}{\cancel{4}x^2}}{\cancel{2}x} = \frac{2x}{1} = 2x$



2) $\frac{\overset{4}{\cancel{8}xy}}{\cancel{2}y} = \frac{4x \cdot 1}{1} = 4x$

3) $\frac{\overset{1}{\cancel{3}x}}{\cancel{3}y} = \frac{1x}{y} = \frac{x}{y}$

$$4) \frac{1 \cdot \cancel{4} w^{\cancel{3}2}}{2 \cancel{8} \cancel{w}} = \frac{1 w^2}{2} = \frac{w^2}{2}$$

$$\frac{w^3}{w} = \frac{w \cdot w \cdot \cancel{w}}{\cancel{w}} = w^2$$

$$5) \frac{1 \cdot \cancel{10} a^{\cancel{3}2} \cancel{b}^2}{3 \cancel{30} \cancel{a} \cancel{b}^2} = \frac{1 \cdot a^2 \cdot 1}{3 \cdot 1 \cdot b^2} = \frac{a^2}{3b^2}$$

$$\frac{a^3}{a} = \frac{a^2}{1}$$

HW Ask 2 a, b, x, d 6v274