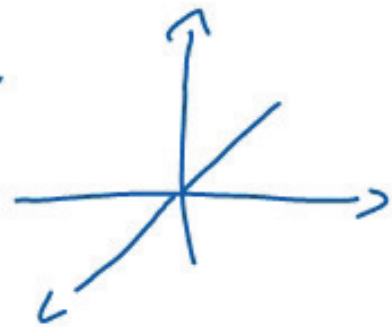
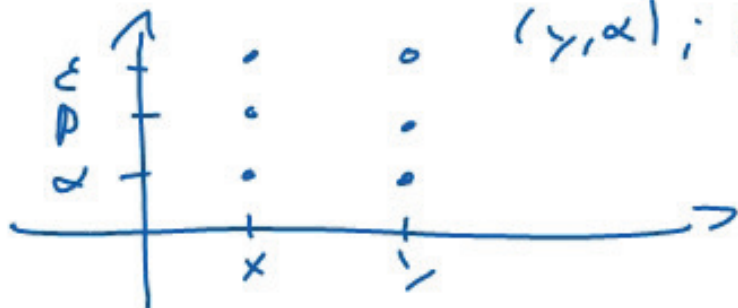


$$3) \left\{ \begin{array}{l} \{\} \\ \{\emptyset\}, \{\varnothing\}; \{\infty\}; \{\pi\} \\ \{\emptyset; \varnothing\}; \{\emptyset; \infty\}; \{\emptyset, \pi\}; \{\varnothing; \infty\}, \{\varnothing; \pi\}, \{\infty; \pi\} \\ \{\emptyset; \varnothing; \infty\}; \{\emptyset; \varnothing; \pi\}; \{\emptyset; \infty; \pi\}, \{\varnothing; \infty; \pi\} \\ \{\emptyset; \varnothing, \infty, \pi\} \end{array} \right\}$$

$\{\infty; \pi\}$ ←

$$4) c) \left. \begin{array}{l} \{\alpha; \{\lambda; \beta\}\} \rightarrow \alpha; \{\lambda; \beta\} \\ \{\{\}\} \quad \quad \quad \{\} \\ \{\gamma; \{\delta\}\} \quad \quad \gamma; \{\delta\} \end{array} \right\} \cup \Rightarrow A$$

$$5) b) C \times A = \{(x, \alpha); (x, \beta); (x, \epsilon), (y, \alpha); (y, \beta); (y, \epsilon)\}$$



$$1) (x^3 (x^6 (x^2)^{1/3})^{1/4})^{1/2} = x^{3/2} x^{3/4} x^{1/2} = x^{\frac{18+9+9}{12}}$$

$$= x^{28/12} = x^{7/3} = \sqrt[3]{x^7}$$

$$2) \frac{(8m^2 v^{-2} w)^4}{(81 v^{-3} s^{-2} t^3)^2} \cdot \frac{(2^4 u^3 v^{-4} w^{-2})^{-3}}{(3^4 r^{-3} s^4 t^3)^{-2}} = \frac{2^{12} u^8 v^{-8} w^4}{3^8 r^{-6} s^{-4} t^6} \cdot \frac{2^{-12} u^{-9} v^{12} w^6}{3^{-8} r^6 s^{-8} t^{-6}}$$

$$= \frac{u^4 v^{10} w^6 s^{12}}{r}$$

$$a) \sqrt{x^3} = x^{3/2} = 125 \uparrow^{2/3}$$

$$(x^{3/2})^{2/3} = x^{3/2 \cdot 2/3} = x^1 = 125^{2/3}$$

$$x = \sqrt[3]{125^2} = 5^2 = 25$$