

$$x^2 = y - 1$$

$$x = \sqrt[3]{y-1}$$

$$D = \mathbb{R}$$

$$x^2 = y + 5$$

$$x = \sqrt{y+5}$$

$$y+5 \geq 0 \Rightarrow y \geq -5$$

$$D = [-5, +\infty)$$

$$y = x^2 - 2x + 1 \pm a, \pm a$$

$$y = (x - 1, 0)^2 - a, \pm a$$

$$y + a, \pm a = (x - 1, 0)^2$$

$$y = (x - 1)^2 + 1$$

$$y - 1 = (x - 1)^2$$

$$\pm \sqrt{y-1} = x - 1$$

$$[1, +\infty)$$

$$\pm \sqrt{y + a, \pm a} = x - 1$$

$$x = \pm \sqrt{y + a, \pm a} + 1$$

$$y + a, \pm a \geq 0 \Rightarrow R = [-a, +a, +\infty)$$

$$\frac{m+1}{m-1} = y$$

$$\Rightarrow m = \frac{y+1}{y-1}$$

$$\frac{1}{y-1}$$

$$\frac{x^2 + 1}{x^2 - 1} = y \Rightarrow x^2 = -\frac{y+1}{y-1}$$

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

$$D = \mathbb{R} - \left(-\frac{1}{1}\right)$$

$$D = \mathbb{R} - \left(-\frac{1}{1}\right)$$

$$\frac{-(14 - 1)}{-1} = \frac{13}{1} = 13$$

$$(-\infty, 13]$$

$$\frac{-(14 - 1)}{1} = \frac{-13}{1} = -13$$

$$[-13, +\infty)$$

$$\frac{-b}{2a} = 2$$

$$-4 + 8 + \frac{1}{2} = 14 \Rightarrow$$

$$(-\infty, 14] \Rightarrow [0, \sqrt{14}]$$

$$-\frac{(34-8)}{2} = -13$$

$$D = [0, +\infty)$$

$$D = \sqrt{R} [0, +\infty)$$

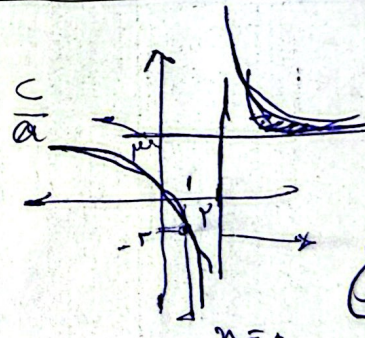
الف
D = R
بزرگترین توان فرد

$$\sqrt{R - \{4\}} =$$

$$[0, +\infty) - \{2\}$$

$$R - \{3\}$$

$$\frac{1}{x} = 2m$$



$$\sqrt{\frac{x+1}{x}} [2, +\infty) \cup [-\infty, 2] \Rightarrow$$

$$D = [2, +\infty) \cup (-\infty, 2]$$

$$\cos^2 x$$

$$D = [2, +\infty)$$