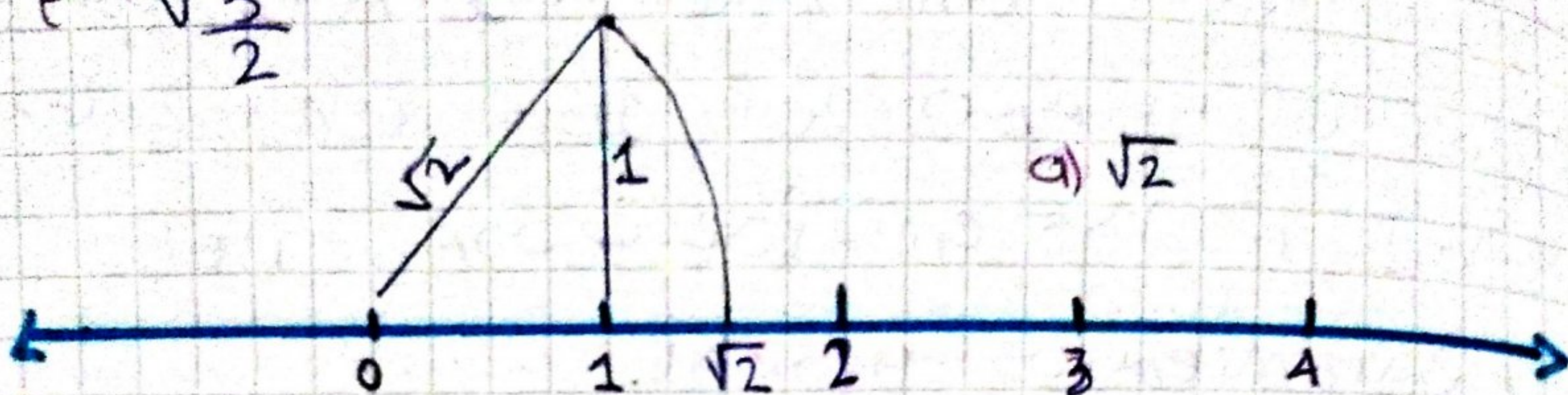


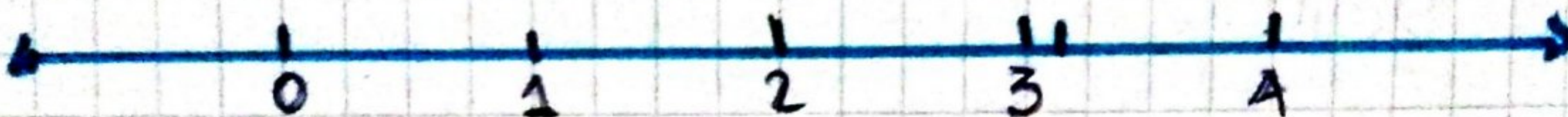
d $\sqrt{5} - 2$

e $\frac{\sqrt{3}}{2}$



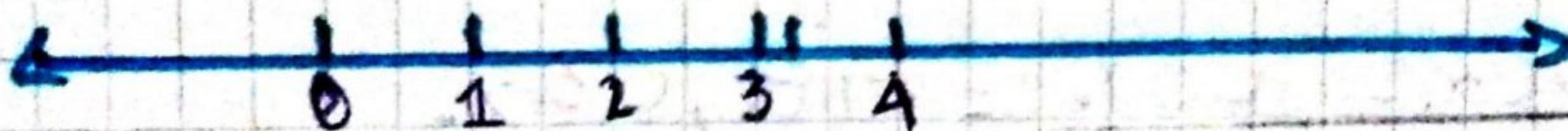
b $\sqrt{2} + \sqrt{3}$

$\sqrt{2} + \sqrt{3} = \pi = 3,1415...$



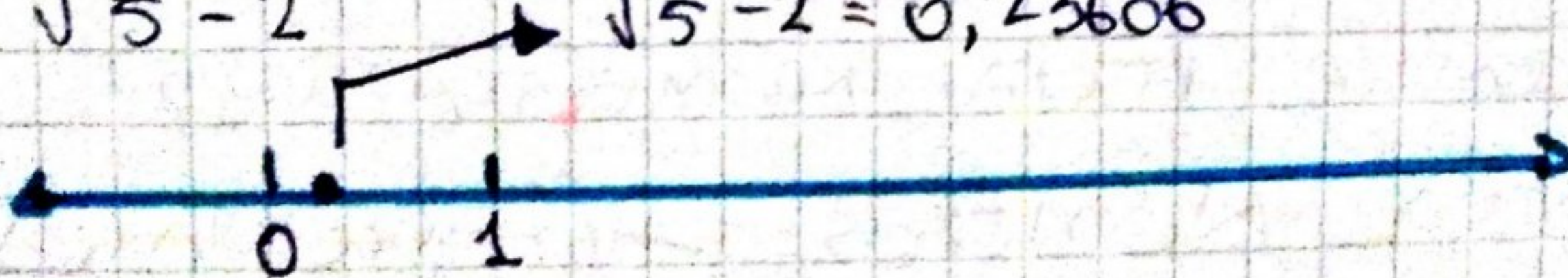
c π

$\pi = \sqrt{2} + \sqrt{3} = 3.1415$



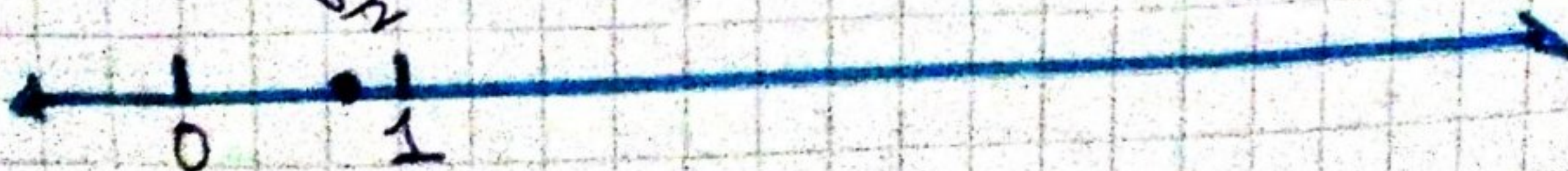
D $\sqrt{5} - 2$

$\sqrt{5} - 2 = 0,23606$



e $\frac{\sqrt{3}}{2}$

$\frac{\sqrt{3}}{2} = 0.86602$



5 ENCUENTRE EL RESULTADO DE CADA OPERACION, LUEGO DETERMINA SI CORRESPONDE A UN NUMERO RACIONAL O IRRACIONAL.

$$\begin{aligned} \text{a) } & 13\sqrt{6} - 7\sqrt{6} + \sqrt{6} \\ & = 13\sqrt{6} - 6\sqrt{6} \\ & = 7\sqrt{6} \longrightarrow \text{IRRACIONAL.} \end{aligned}$$

$$\begin{aligned} \text{b) } & 5\sqrt{3} + 7\sqrt{3} \\ & = 12\sqrt{3} \longrightarrow \text{IRRACIONAL} \end{aligned}$$

$$\begin{aligned} \text{c. } & (5\sqrt{2})(6\sqrt{2}) \\ & = (5 \cdot 6)(\sqrt{2} \cdot \sqrt{2}) \\ & = 30(2) \\ & = 60 \longrightarrow \text{NO ES IRRACIONAL} \end{aligned}$$

$$\text{d. } \frac{20\sqrt{3}}{5} = \frac{20}{5} \cdot \frac{\sqrt{3}}{1} = 4 \cdot \sqrt{3} \longrightarrow \text{IRRACIONAL}$$