

APUNTES EXAMEN

Scribe

1.

$$f\left(\frac{a}{h}\right) + f(a)$$

$$f(a) = a^2$$

$$= \left(\frac{a}{h}\right)^2 + a^2$$

$$= \frac{a(1+h)}{h}$$

2. $f\left(\frac{-1}{2}\right) = \left(\frac{-1}{2}\right)^3 + 1$

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

$$= -\frac{1}{8} + \frac{1}{2} = \frac{7}{8}$$

- $f\left(\frac{-3}{2}\right) = \left(\frac{-3}{2}\right)^3 + 1$

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

$$= -\frac{35}{8}$$

3.

$$y(x) = 5x + 2,$$

5 = Pendiente

2 = Corte con el eje y

4.)

$$1. f(x) = x^3 = \text{Impar}$$

$$3. f(x) = \frac{1}{x} = \text{Impar}$$

$$\begin{aligned}6. -f(-2) &= -3(-2) - 1 \\ &= -6 - 1 \\ &= -7\end{aligned}$$

$$\begin{aligned}-f(-1) &= 3(-1) - 1 \\ &= -3 - 1 \\ &= -4\end{aligned}$$

$$\begin{aligned}7. A &= 5D^2 \\ &= 5 \times 5^2 \\ &= 125 \text{ cm}^2\end{aligned}$$