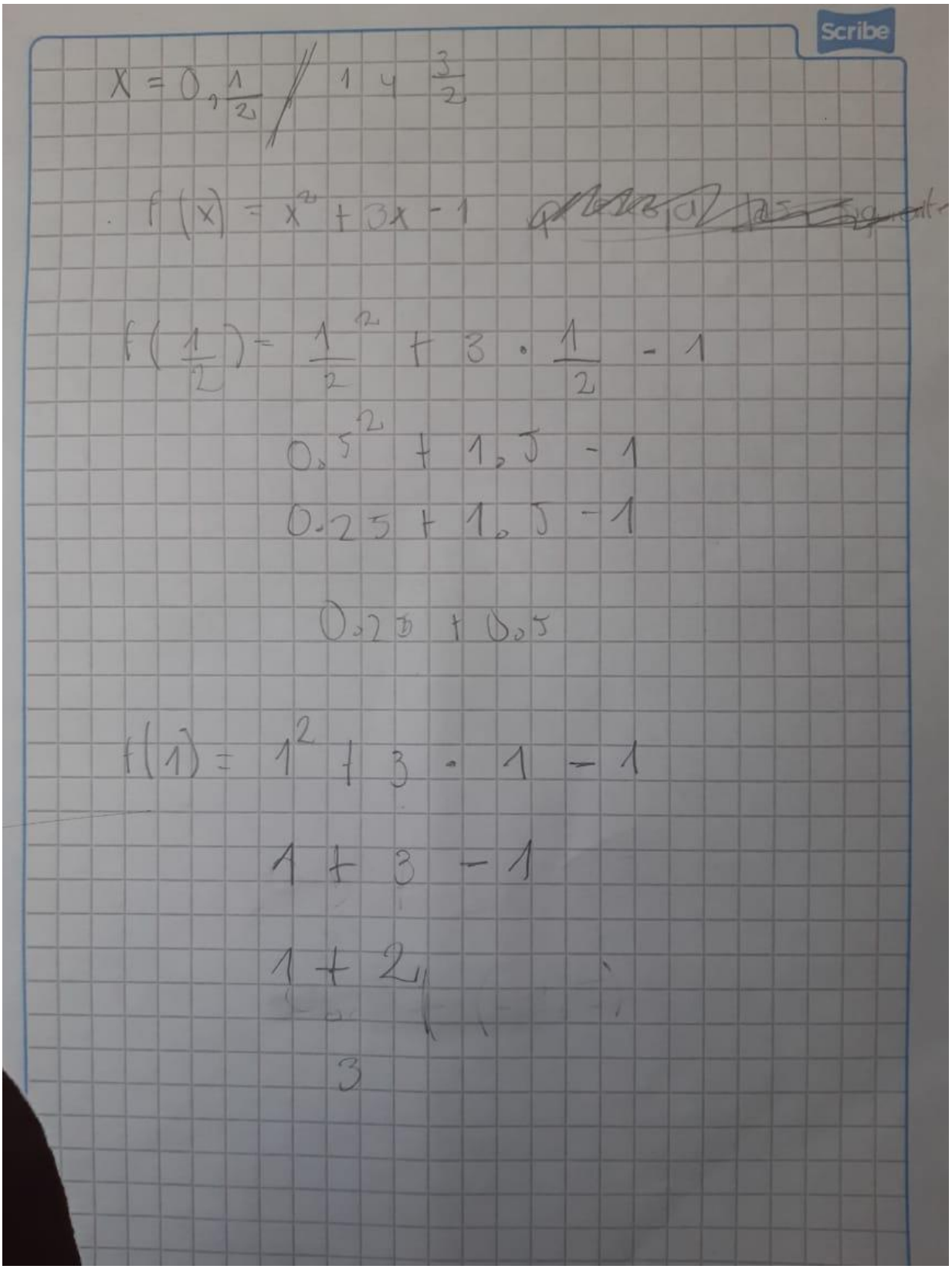
Apuntes del examen Michael Garcia



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

$1.5^2 + 4.5 - 1$

$2.25 + 3.5$

5.75

2. $f(0) = \frac{0}{2} + 1$

$= 0 + 1$

1

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

$= 0.25 + 1$

1.25

$f(1) = \frac{1}{2} + 1$

$0.5 + 1$

1.5

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

$= \frac{3}{4}$

3) $f(a+h) - f(a)$

$f = (a+h)^2 \qquad = f(a)^2$

$a+h \qquad = 2a$

$a+h$

$ah + h^2$

$2ah + h^2$

4) $f\left(\frac{a}{h}\right) + f(a)$ $\qquad f(x) = x + 2$

$\frac{a}{h}$