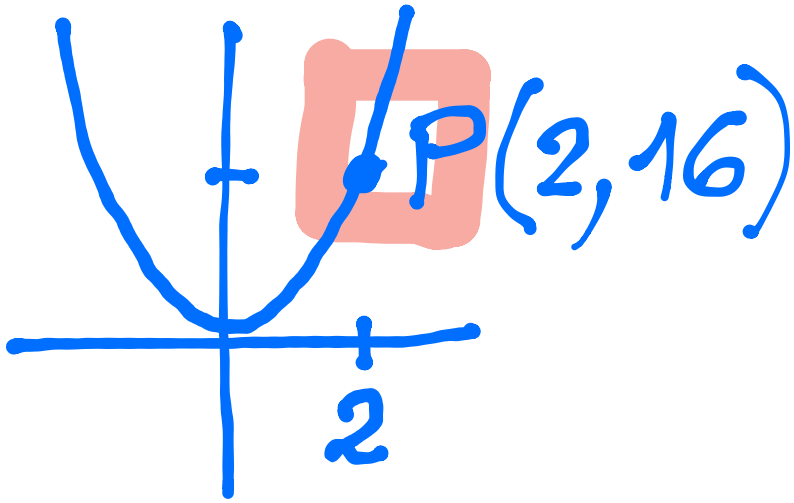
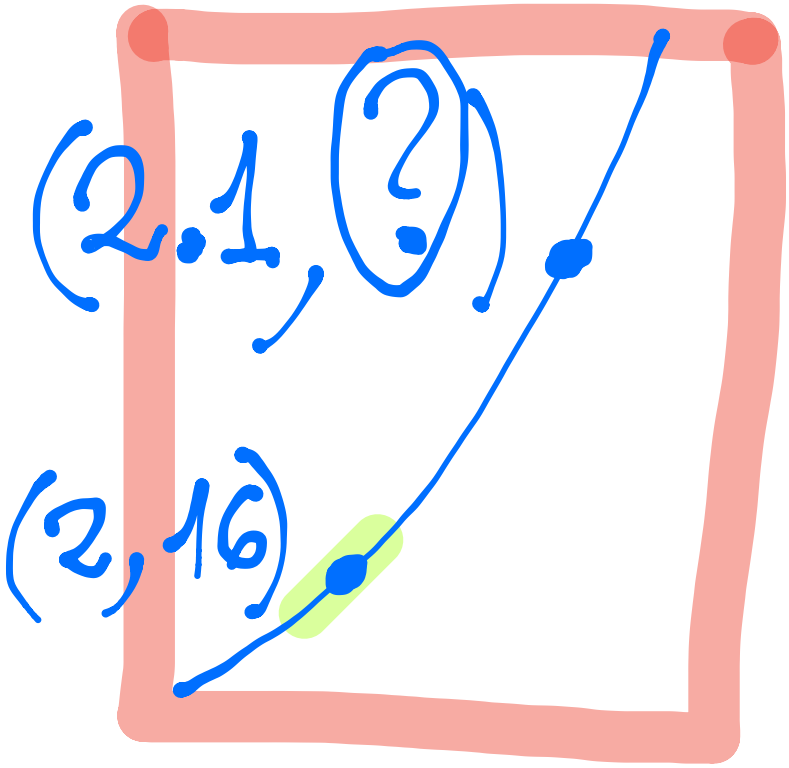
$y = x^4$





$$D(x^4) \longrightarrow 4x^3$$

calcolo la derivata in x0 = 2

$$\longrightarrow 4 \cdot 2^3 = 32 = m$$

uso la formula di Taylor / retta tangente

$$m = \frac{y - y_0}{x - x_0}$$

$$32 = \frac{y - 16}{x - 2}$$

$$(x-2)\cdot 32 = y-16$$

$$32x - 64 = y - 16$$

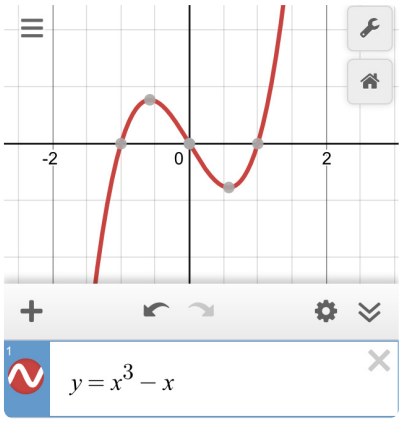
$$32x - 64 + 16 = y$$

$$\boxed{y = 32x - 48}$$

? $y = 32 \cdot 21 - 48$

$y = 19.2$

ESATTO ⇒ 19.4481



P(2, 6)

Q(2.1, ...?)