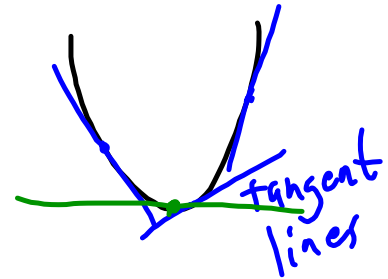


$$f(x) = \frac{1}{4}x^2 - 23x + 714$$

What is the minimum
value of the function?



$$f'(x) = \frac{1}{2}x - 23$$

"f prime of x"
y, or f(x)

$$\begin{aligned}\frac{1}{2}x - 23 &= 0 \\ \frac{1}{2}x &= 23 \\ x &= 46\end{aligned}$$

$$g(x) = 7x^4 - 5x^3 - 3x^2 + 8x + 4$$

$$g(1) = 7 - 5 - 3 + 8 + 4 = 11$$

$$g'(x) = 28x^3 - 15x^2 - 6x + 8$$

$$g'(1) = 28 - 15 - 6 + 8 = 15$$

Ariel

Shorted by \$15

\$1,000,000

Jason

Shorted Jason \$1

\$2

