

May 25<sup>th</sup>

If the operation  $\$$  is defined as  $a \$ b = (a + 2b)^2$

What is the value of  $(5 \$ 1) \$ 2$ ?

$$5 \$ 1 = (5 + 2 \times 1)^2 = 49$$

$$49 \$ 2 = (49 + 2 \times 2)^2 = \mathbf{2809}$$