

13.

Ernie makes deposits of 100 at time 0, and X at time 3. The fund grows at a force of interest

$$\delta_t = \frac{t^2}{100}, t > 0.$$

The amount of interest earned from time 3 to time 6 is also X .

Calculate X .

- (A) 385
- (B) 485
- (C) 585
- (D) 685
- (E) 785