## **Answer on Question #79715 – Math – Differential Equations**

## Question

Form differential for  $y=ax^3+bx^2$ .

## **Solution**

$$y = ax^{3} + bx^{2}$$
$$y' = 3ax^{2} + 2bx \Rightarrow dy = y'dx \Rightarrow dy = (3ax^{2} + 2bx)dx$$

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