AP Calculus AB Wednesday, September 19, 2012 Check HW answers with each other & write problem problems on the real boards.

9)
$$y = \frac{x^3 + 8}{x + 2}$$

$$f(x)=(x+2)(x^2-2x+4)$$

$$f(X) = 2x - 2$$

15)
$$y = \frac{\left(x^2 - x + 2\right)^2}{x}$$

$$y = (x^{2} - x + 2)(x^{2} - x + 2)$$

$$y = x^{4} - 2x^{3} + 5x^{2} - 4x + 4$$

$$y = x^{3} - 2x^{2} + 5x - 4 + 4x^{-1}$$

$$y = 3x^{2} - 4x + 5 - 4x^{2}$$

$$y = x^{2} - 4x + 5 - 4x^{2}$$

$$y = x^{2} - 4x + 5 - 4x^{2}$$

$$f(x) = 2 \cdot \sqrt[3]{x^{5}}$$

$$f(x) = 2 \times \sqrt[5]{3}$$

$$f'(x) = 2 \cdot \frac{5}{3} \times \sqrt[2]{3}$$

$$f'(x) = \frac{10}{3} \sqrt[3]{x^{2}}$$

$$\frac{10}{3} \sqrt[3]{x^{2}}$$

Even More Practice:

7·113: 3-30, 39-50