

Agenda/Objectives/Notes Calculus 11/4 Section 2.6

Review problems

1. Find the equation of the tangent line for the graph of $f(x) = (2x^3 - 5)^5$ at the point $(-2, 27)$.
2. Find the derivative of $y = \frac{1}{3} \cos 3x^2$.
3. Find d^2y/dx^2 in terms of x and y for $4x - 5y = 7 - 4xy$.

Today's Agenda

1. Review problems
2. Review assignment due
3. Today's objective: You will be able to solve real-life problems using related rates
4. Today's assignment: Related Rates Worksheet #2
5. **Quiz 2.4 – 2.6**