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|  | Problem | Work | Answer |
| 1 | Find |  |  |
| 2 | Find f’(x) if f(x) = x2cos(2x+1) |  |  |
| 3 | Find |  |  |
| 4 | Use the Intermediate Value Theorem to show that f(x) has at least one root, if  f(x) = cos(x) + 0.3 on the domain (, 2). |  |  |
| 5 | Estimate the integral dx  by using a Riemann sum with 3 subintervals, and taking each point to be the left endpoint. |  |  |
| 6 | Find the roots of  f(x) = 6x2 + 5x - 6. |  |  |