

Math 002 P1**Name:****Quiz # 5**

October 14, 2014 No electronic devices or interpersonal communication allowed. Show work to get credit.

(1) Simplify the following radical expressions.

(a) $\sqrt[3]{16x^5}$

(b) $\sqrt[4]{\frac{2k^7}{8n^{23}}}$

(c) $5\sqrt{24} - \sqrt{54}$

(2) Solve the equation $2x + 7 = 5x - 2$.