



**Mathematics 52
Take-Home Quiz 3
Fall 2016**

**Professor: Mohammed Kaabar
Course ID: (27488) and (27501)**

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Student's Name:.....

Student's ID:.....

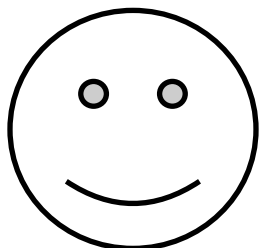
Note: This quiz covers some problems from **solving linear inequalities**.

Problem 1: Solve the following linear inequality:

$$12\beta + \sqrt[3]{125} < (-3.43)^0 + 2\beta$$

Problem 2: Solve the following linear inequality:

$$-2\beta + 1\sqrt[3]{125} < \left(-\frac{3.43}{-34.2}\right)^0 + 12\beta$$



*Math has a great beauty that is the food for
the soul.....Mohammed Kaabar*

