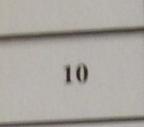




Mathematics 52 Take-Home Quiz 3 Fall 2016

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

Problem 1: Solve the following linear inequality:

$$\frac{12\beta + \sqrt[3]{125} < (-3.43)^{\circ} + 2\beta}{12\beta + 5 < 1 + 2\beta}$$

$$\frac{12\beta + 5 < 1 + 2\beta}{50 \text{ luhion}}$$

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Problem 2: Solve the following linear inequality:

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

$$-2\beta + 1 < 1 + 12\beta$$

$$-2\beta + + 12\beta$$

$$-2\beta$$