# QUIZ 2 - MATH 102

YOUR NAME:_____

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Read each problem **very carefully** before starting to solve it. Each problem is worth 5 points. It is necessary to show **all** your work. Correct answers without explanations are worth 0 points. GOOD LUCK!!

1. Solve the linear equation

$$\frac{1}{5}(x - 2) = \frac{2}{3}x - \frac{3}{2}.$$

2. Suppose that $x, y$ are related by the equation $xy + 15 = y - 28x$. Express $y$ as a function of $x$.

3. A rectangular shipping box has volume $10\text{m}^3$. If its width is 1.25m and its height is 2m, how long is the box?