

QUIZ 1 - MATH 102

Friday, September 3

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. (a) Graph on the number line the set $\{x : x \text{ integer between } -3 \text{ and } 2\}$.
(b) Write in interval notation and graph on the number line the set $[-5, 3) \cap (-7, 1)$.

2. Find the value of the expressions:

(a) $\frac{2}{3} \cdot \left(-\frac{9}{5}\right)$

(b) $-12 \div \left(\frac{3}{7}\right)$