

# QUIZ 1 - MATH 102

Friday, January 14

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!!

- What are the elements in the set  $\{x : x \text{ is a natural number between } -4 \text{ and } 3\}$ ?
  - Write in interval notation  $(2, 7) \cap [1, 5)$ .

- Perform the following two operations and simplify:

(a)  $(-48) \div \frac{3}{16}$

(b)  $-\frac{1}{2} - (-\frac{3}{5})$