

LEMOYNE-OWEN COLLEGE
DIVISION OF NATURAL SCIENCES, MATHEMATICS AND COMPUTER SCIENCE

MATH 120
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Thursday
July 25, 2002

Quiz 6

Show your work

Name: _____

1. If today is Thursday, July 25, 2002, what day of the week will August 24, 2002 be?

2. A laboratory experiment is begun at 5 o'clock afternoon. If the experiment lasts for 39 hours, at what time of day will it end?

3. Find $(4 - 30) \pmod{7}$.

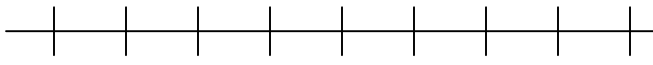
4. Is the statement, $67 \equiv 49 \pmod{6}$, true? Why?

5. Convert $0.12\overline{56}$ to a fraction.

6. Convert $0.\overline{81}\overline{4}$ to a fraction.

7. Make a circle around the **irrational numbers**:
 $\left\{ \frac{2}{13}, 2\frac{3}{4}, -6, \pi, 0, 1.\overline{3}, 3, \sqrt{7}, 2.139765472\dots, 3.25, -\frac{20}{3} \right\}$

8. Decide the statement, $-|-9| > -(-5)$, is true or false.

9. Draw points on the number line to represent the numbers,
 $4, -3, -2\frac{1}{3}, 3.75, 1\frac{1}{4}$. 

10. Which one is lesser? $|-6|$ or $|9-1|$?