

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

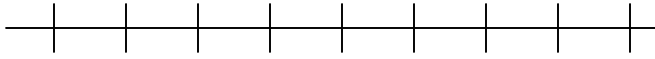
MATH 120
Valerie Chu, Ph.D.

Thursday
July 25, 2002

Quiz 6

Show your work

Name: _____

1. If today is Thursday, July 25, 2002, what day of the week will September 24, 2002 be?
2. A laboratory experiment is begun at 2 o'clock afternoon. If the experiment lasts for 37 hours, at what time of day will it end?
3. Find $(4 - 19) \pmod{5}$.
4. Is the statement, $67 \equiv 49 \pmod{9}$, true? Why?
5. Convert $0.\overline{56}$ to a fraction.
6. Convert $0.81\overline{4}$ to a fraction.
7. Make a circle around the **rational 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,
 $2, -3, -1\frac{1}{3}, 0.75, 2\frac{1}{4}$. 
10. Which one is lesser? $-|-6|$ or $-|9-1|$?