BRONX COMMUNITY COLLEGE
of the City University of New York
DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

MTH01   **Sample Quiz 5**

Instructions

Solve the following problems. Use pencil. Show all your work.

1. Find the prime factorization of 154

2. What is the GCF of $\{96, 108\}$?

3. What is the LCM of $\{10, 16\}$?

4. Subtract these mixed numbers using columns: $13\frac{1}{4} - 3\frac{5}{6}$

5. If Ellen gets on the train at 4:45 and gets off the train at 6:21 how long was she on the train?

6. Add: $\frac{13}{6} + (-\frac{5}{8})$

7. Subtract: $-2\frac{1}{3} - (-\frac{5}{8})$

8. Multiply: $-1\frac{11}{14} \cdot (\frac{2}{5})$

9. Divide: $\frac{9}{22} \div (-\frac{3}{8})$

10. Evaluate, using the correct order of operations: $13\frac{1}{2} \div (-\frac{11}{8} + \frac{1}{4})$