

Math 1020 Test #1 Sample Fall 2012

Student _____

*Neither books, notes, nor any electronic devices are allowed. Smart phones, iPods, iPads, or similar tablets or any device that is able to send/receive data may not be used on exams. Furthermore, headphones may not be worn during exams. **Write down all necessary steps to earn full credit.***

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| <p>1. Calculate: $\frac{12.454}{0.00001}$</p> | <p>2. Calculate: $736.5 \times 0.00001 \times 100$</p> |
| <p>3. Write nine and twenty five thousandths in proper decimal form.</p> | <p>4. Round 877.87502 to the nearest hundredth.</p> |
| <p>5. Calculate:</p> $\frac{34.5}{1.2}$ | <p>6. Calculate:</p> 65.4×2.7 |
| <p>7. Perform the indicated operations:</p> $3\frac{2}{3} + 5\frac{1}{2} - 1\frac{2}{3}$ | <p>8. Perform the indicated operations:</p> $2\frac{1}{5} \div 1\frac{3}{10}$ |
| <p>9. Prime factor: 495</p> | <p>10. Write $\frac{48}{32}$ as a mixed fraction in lowest terms.</p> |
| <p>11. 7 is to 13 as 5 is to what?</p> | <p>12. The ratio of weight on the moon to weight on Earth is 1 : 6. If a person weighs 120 pounds on earth, what is his/her weight on the moon?</p> |
| <p>13. Write $3\frac{5}{8}$ as an improper fraction.</p> | <p>14. Solve: $12 : 10 :: N : 5$.</p> |