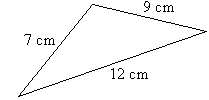
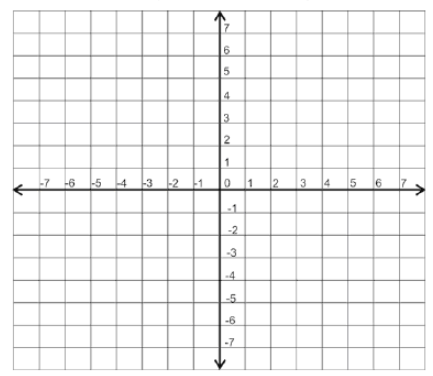
Algebra 1 – WH name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Substitute Assignment date Monday, September 29, 2014

**Graded assignment directions:   
 Complete all of the following exercises and turn in work to substitute.   
 No calculators.   
 Show your work.**

1. Estimate the sum of $14.30, $143.08, and $19.74 by rounding.
2. Divide Write the answer in simplest form.
3. Paul, Steve, Robin, and Ryan all play different instruments. Their instruments are guitar, bass guitar, piano, and drums. Paul does not play bass guitar or piano. Ryan’s instrument has only four strings. Which instrument does each play?
4. Find the perimeter. 
5. Write five equivalent fractions for .
6. Find three consecutive even integers whose sum is 180.
7. Use a factor tree to write the prime factorization of 430.
8. Write 3.04 as a percent.
9. This week Lera withdrew $150 from her checking account. She wrote a check for $275, made a deposit of $200, and then wrote another check for $75. She now has $185 in her account. How much did Lera have in her account at the beginning of the week?
10. Find the GCF of 15 and 27.
11. Find a four digit number that is divisible by 3, 5, and 8.
12. Subtract . Write the answer in simplest form.
13. Find the LCM of 15 and 27.
14. Graph the triangle with vertices A(-1,3),   
    B(-3, -2), C(0, -1). Then graph its image after a reflection across the y-axis.



1. There are 20 guests at a party. If each person shakes hands with every other person exactly once, how many total handshakes will occur?