**Math Choice Menu Homework**

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Due Tuesday September 8, 2015*

Choose **3** out of the 6 following options from the choice menu below. Circle your **3** choices and staple your work to this paper. **Choose at least 1 of the ratio options this week.**

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| ***Choice 1: Applying ratios to percentiles***  Come up with ten ratios compared to 100 and write the percent for that equation.  Example: 30:100 would be converted to 30% | ***Choice 2: Look at a Receipt***  Ask to borrow a grocery receipt from your parents and add up all of the items on the receipt without a calculator (there must be at least ten items on the receipt). Answer this question… are groceries as affordable as you thought they would be? | ***Choice 3: Working with percentiles***  Determine the new value of ten items if 10% were to be deducted from each item.  Example: A shirt cost $15, but there is a 10% discount. The new cost of the shirt is $13.50, because 10% of $15 is $1.50. |
| ***Choice 4: Make a poster about percentiles***  Make a poster about percentiles and what they look like. Define percentiles, draw a picture and give a few example about how they connect to real life. | ***Choice 5: Reflect on the week***  On a blank piece of paper record how you used math this week outside of school. What were some activities that you did that included math? Write at least one paragraph about your reflection. | ***Choice 6: Come up with and solve multiplication or division problems***  Come up with at least ten long multiplication or division problems and solve. Show your work. |