NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(Please print your first and last name)

Sussex Academy

Summer 2016 Math Practice

Entering 8TH GRADE

Dear Students and Parents,

Purpose:

To help students retain prior knowledge and be better prepared for 8th grade, all Sussex Academy students entering 8th grade in the Fall ***are required*** to complete the odd numbered problems only on this practice/review packet over the summer. The students should do the even numbered problems for additional practice if they have difficulty with the odd numbered problems. However, the evens are optional. **The packet and completed work is due on the first day of school**.

**It is also very important that students have “quick recall or fluency” with basic facts**. This includes all four operations (addition, subtraction, multiplication and division) for the numbers 1 – 20.

**Options to improve quick recall and fluency with math facts:**

1. Play games online, there are a multitude of apps available that students will enjoy practicing as well as websites such as [www.aaamath.com](http://www.aaamath.com), [www.ixl.com](http://www.ixl.com), [www.firstinmath.com](http://www.firstinmath.com), [www.khanacademy.org,www.coolmath.com](http://www.khanacademy.org,www.coolmath.com). These websites also offer help or lessons on a variety of topics that may help students complete the work included here. You can also do a search for any of the topics in a search engine and many more sites will be available to you.
2. Use flash cards, play games with hexahedron (dice) and regular playing cards, as well as board games that challenge students to handle and count money are also good options.
3. Use real-life situations that encourage students to use math. Figuring out tips in restaurants, estimating totals when purchasing items, or figuring out discounts for sale items without the use of a calculator or calculator app reinforces number sense problem solving.

**SHOW YOUR WORK and do not use a calculator!**

Many answers can be *neatly* written within the worksheet pages, however, if additional space is needed, you may use loose-leaf paper. If you use loose-leaf paper, label it with page number, section title and problem number. Attach any loose-leaf you use to the back of the packet.

Have a great summer – and keep those math skills sharp!

Sussex Academy Math Department