

Summer Math Puzzles: *Welcome to 8th Grade Math!*

You will need a computer, tablet, or smartphone to use the A+ Click math site that we used in class: **www.aplusclick.com**. This is free, ad-free, and does not require a sign in. There is an app at the iTunes store and on Google Play. At the top of the page, **choose the grade** (start with grade 6 or 7). Then **GO**.



Minimum Requirements

- Due by **August 25**, 2017, the 3rd day of school
- Do a puzzle session on at least **5 different, non-consecutive days** over the summer

Written work (a separate write-up for each session)

- Full Heading
Name and **date** at the top right, with the **title** "A+ Click #1" (2,3...)
- **Parent/guardian signature** next to the date
They do not need to see you do the problems, the signature just means that you did the assignment by the date shown.
- Choose **3 problems**, including at least **one that you missed**, especially if it was surprising or new for you. Skip any problems you have seen before.
For each problem:
 - Copy the **question** and **sketch** the drawing (if it contains needed information)
 - Show your solution (work, reasoning, and final answer)
 - Show the correct solution provided on the site (if you missed it)
- **Comment** on each puzzle – *for example*, what you liked about it, what you figured out when you saw the answer, what you wonder about it, different ways to solve it, suggestions to make an even better question...

That's 5 session write-ups documenting 3 problems each, turned in by August 25.

Beyond the Minimum Requirements

- There is no limit to the number of times you can visit the site
- There is no limit to the number of puzzles you can try each time
- There is no limit to the grade level you can attempt
- Speed does not matter, so **take your time**
- **No calculators allowed**; pencil and paper are okay
- **Learning from mistakes and not giving up when challenged** is even more important than right answers
- To move to a higher level, correctly answer five questions in a row
- If you correctly answer 16 questions, the site invites you to enter the competition (click on the medal icon in the left menu →)
- At the end of your session you can check your statistics (click the star icon →)
You may print this and include it with the record of your session.
- The Leaderboard (at the bottom of the homepage) shows the best performers of the last 10 days. If you make it there, you may print this and include it with the record of your session.



Have fun! -- Jadine