

Dear Rising 7th Grade Students, Parents, & Guardians,

Welcome to 7th Grade! Great job in 6th grade, you all crushed it! Over your break there will be summer math work to keep your minds fresh. The work is broken down into two different parts:

- Part I: IXL (Online Math Practice)
- Part II: Packet (can be printed or on separate paper - complete in pencil)

IXL is an online resource that is great for practice with fast literal mathematical problems. If you need your login, please shoot me an email!

When completing the packet please be sure to show ALL of your work! Do NOT use a calculator but feel free to use any notes or worksheets you have saved from 6th grade.

Please have your summer work completed before the first day of school. Bring in your completed math packet and any scrap paper on the first day of school.

If you have any questions, comments or concerns - please feel free to reach out!

Have a great summer!

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7th Grade Math Summer Work

NAME:

1. Ms. Harding-Scudder enters a watermelon eating contest, if she pays \$8 to enter the competition and earns \$4 for every watermelon she eats. Write an expression to model how much money she could make after eating w watermelons.

2. Polly C goes to Chick-Fil-A for chicken biscuits and chicken minis. If each chicken biscuit costs \$3.59 and chicken minis cost \$4.29, write an expression to model the total cost of x chicken biscuits and y chicken minis.
 - a. How many chicken minis could she get if she already bought two chicken biscuits and does not want to spend more than \$12.
 - b. What is the total cost for 3 chicken biscuits and 1 chicken mini?

3. A figure is graphed on the coordinate plane, its points are as follows: A (-2, 4) B (-4, 4) C (3, 1) and D (0, 2)
 - a. Rotate the figure 270 CCW
 - b. Translate the figure using this rule: $(x + 3, y - 3/2)$
 - c. Reflect the figure across the x-axis

IXL Assignments: Login into IXL and complete the following assignments:

6th Grade Math	F9 G2 H2 H7 I3 J3 J7 K14 L7 M3 M8 O1 O8 X2 X3 Z4 HH2	7th Grade Math	A4 A5 A7 C23 D1 P1 P4 R1 R7 X4 BB1 BB7 CC1
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