

Dear Rising Math 6 Students, Parents, & Guardians,

Welcome to Middle School! I am so excited to welcome you all into my classroom and Singleton Hall in August.

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 Mrs. Campbell used in her classroom and is great for practice with fast literal mathematical problems. If you need your login, please shoot me an email!

The packet will introduce you all to how Math 6 assignments and assessments will look like - so consider this to be a sneak peek! You will notice that there are more application and word problems so please be sure to show ALL of your work! I am requesting that you do NOT use a calculator but feel free to use any notes or worksheets you have saved from 5th 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!

Ms. Harding-Scudder

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Math 6 Summer Work

NAME:

Mathematical Operations

1. $8329 + 4821$

3. $12 * 32$

5. $948 + 921 + 847$

2. $924 - 284$

4. $827 * 14$

6. $837 - 421 - 12$

Word Problems

1. Ms. Harding-Scudder has 83 mangoes. If Ms. Harding-Scudder gets 12 more mangoes and then shares all of the mangoes with four of her friends, how many mangoes will they each get?

2. There are 32 teams in a soccer tournament, each team has at least 14 players. What is the minimum number of players in the tournament?
 - a. If the maximum number of players on a team is 21, what is the maximum number of players in the tournament?

3. Ms. Harding-Scudder loves to travel, so she bought a plane ticket for \$821.28 and a hotel room for \$248.21. What is her total cost?
 - a. If her budget is \$1,500 will she have enough money to go on an excursion for \$389.77? Why or why not?

4. A car travels at a constant speed of 65mph, how far will the car have traveled after 90 minutes?

5. Ms. Harding-Scudder made $7\frac{3}{4}$ cups of fresh orange juice. After serving it to her friends, she is left with $\frac{1}{3}$ of a cup. How many cups of orange juice did Ms. Harding-Scudder's friends drink?

6. A runner ran $7\frac{1}{2}$ miles one day and another day half as much. What was the total distance the runner ran?
7. Ms. Harding-Scudder has \$30, she spends \$9.28 on a movie ticket, \$14.82 on popcorn, and \$5.20 on candy. How much money does she have left?
8. Convert $\frac{28}{3}$ into a mixed number.
9. Erica has $8\frac{1}{2}$ yards of yarn and Hudson has $7\frac{2}{3}$ yards, how much do they have in total?
10. Baxter the dog weighs 5.39lbs, Blue the cat weighs 8.29lbs, and Burt the fish weighs 0.23lbs.
 - a. Order their weights from least to greatest
 - b. What is the range of the total weights?
 - c. What is the mean of the total weights?

Solve.

1. $\frac{19}{20} + \frac{8}{15}$

2. $8 - 0.0247$

3. $2\frac{2}{5} - 1\frac{1}{4}$

4. $9.23 * 0.42$

Creative Thinking.

1. Jane, Max, and Taylor all do chores. Jane gets paid twice as much as Taylor and Max gets half of what Jane and Taylor get. If Jane earned \$7.50, how much did Taylor and Max get?
2. A diver dives into a lagoon. They swim down at a pace of 2.25ft per second. How long did it take the diver to reach 153ft?

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

5th Grade Math	F3 F4 G3 G20 K4 K7 K11 K15 L13 L20 V1 V2 V3 V4	6th Grade Math	D1 F2 F4 I5 I13 I14 K12 L7 Q7 HH2 HH3
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