

**ROY W. BROWN MIDDLE SCHOOL
BERGENFIELD, NJ**

Math 6

Summer Packet



Name: _____

Bergenfield Public Schools

Roy W. Brown Middle School
130 S. Washington Avenue
201-387-3850

June 2024

Dear Parents and Guardians,

We are excited again to present summer activities that the math teachers of Roy W. Brown Middle School have created. Enclosed are math activities designed to help your son or daughter practice the skills which they have already learned and are critical to success in seventh grade mathematics. As you may be aware, studies have shown that students who do not practice or review during the summer months the material they have already mastered lose some of that mastery. Unfortunately, this then requires the next teacher to spend valuable teaching time reviewing. While certainly not the final answer, this packet of activities is designed to help your son or daughter retain his or her math skills and knowledge.

Like you, we want your child to enjoy a wonderful summer. That is why we have designed activities so that 20 to 30 minutes of work per week should be all that is required. We urge you to encourage your child to take this task seriously and complete it successfully. Together we can make a difference in your child's future. Now is the time to build on the foundation to help your child succeed on future standardized exams such as the NJSLA, and even more importantly, the SAT.

The activities are all web-based through a program called IXL. These activities will reinforce skills that were taught in grade six. Each activity will provide immediate feedback and a score. This assignment is voluntary and will not be graded, however, students who complete the summer assignment will earn 10 extra credit points toward their first marking period grade. **Calculators are NOT to be used to complete these IXL skills.** Please read all directions carefully.

We wish you a wonderful and safe summer.

Sincerely,
Dominick Rotante
Principal

Steve Neff
Director of Mathematics

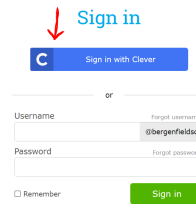
Roy W. Brown Middle School
Mathematics Department
Summer Course Work
For students entering
Math 6

In this packet are directions for accessing the summer assignment, a list of activities to be completed, and space to show your work.


You can access IXL two ways:

1. **Click on the name of the IXL skill in the list below. It is a link directly to the assignment.**

- Click sign in with Clever.



2. **Go to Clever**

- Click on IXL 
- On the left side of the screen, select *sixth grade*.
- Scroll up/down to find the selected IXL activities that you must complete. They are listed below.
- Some letters may change without notice during the summer. Please verify the skill title or Skill ID.

Make sure that you see your name in the top right corner of the screen.

Show your work in this packet beginning on page 5

I. Activities

You MUST show work for these activities:



1. **H.1** [Add and subtract decimal numbers](#) Skill ID: 79J
2. **C.5** [Divide whole numbers - 2-digit divisors](#) Skill ID: FL2
3. **K.3** [Add and subtract fractions with unlike denominators](#) Skill ID: AWS

You do not need to show work for these activities:

4. **GG.1** [Perimeter](#) Skill ID: SEM
5. **GG.2** [Area of rectangles and squares](#) Skill ID: BE9
6. **G.4** [Convert fractions to decimals](#) Skill ID: 62Y
7. **F.1** [Prime or composite](#) Skill ID: DFC
8. **G.1** [Write fractions in lowest terms](#) Skill ID: 5EW
9. **G.3** [Convert between improper fractions and mixed numbers](#) Skill ID: P9A
10. **G.2** [Least common denominator](#) Skill ID: V5M

★ Multiplication fact fluency is essential for 6th grade. You can practice on [TimesTables.com](https://www.timestables.com).

II. Helpful Hints

- a. Your “SmartScore” is a score that reflects various aspects of performance, including **number of problems completed**, **number of problems correct/incorrect**, and **problem difficulty**. In addition, recent answers are weighted more heavily and consistency (correct answers in a row) is rewarded highly. **A reasonable smart score is 80.**
- b. Please read explanations when an answer is wrong. This will help refresh your understanding of concepts, and hopefully help with the remaining problems. Some IXLs even have these two help options on the top.
[Learn with an example](#)  or [Watch a video](#) 
- c. Your SmartScore will automatically save. You can close the session and resume later.
- d. Remember, the more practice you complete with your prior grade’s standards, the more successful you will be in September.

IV. Incentives

This summer packet is *optional*, however completion of the assignments will result in extra credit to be used during the 1st Marking period. To receive extra credit all ten assignments must be completed. You will have the opportunity to receive 10 extra credit points (If work is not shown points will be deducted).

If you score 80 or higher on each IXL you will receive the full 10 extra credit points.

Activity Worksheets

Name _____

H.1 Add and subtract decimal numbers

Show all work in the spaces below. Use as many spaces as you need. There is more room on the back.

1.	2.	3.	4.	5.
6.	7.	8.	9.	10.
11.	12.	13.	14.	15.
16.	17.	18.	19.	20.
21.	22.	23.	24.	25.
26.	27.	28.	29.	30.
31.	32.	33.	34.	35.
36.	37.	38.	39.	40.

Name _____

C.5 Divide whole numbers - 2-digit divisors

Show all work in the spaces below. Use as many spaces as you need.

1.	2.	3.	4.	5.
6.	7.	8.	9.	10.
11.	12.	13.	14.	15.
16.	17.	18.	19.	20.

21.	22.	23.	24.	25.
26.	27.	28.	29.	30.
31.	32.	33.	34.	35.
36.	37.	38.	39.	40.

Name _____

K.3 Add and subtract fractions with unlike denominators

Show all work in the spaces below. Use as many spaces as you need.

1.	2.	3.	4.	5.
6.	7.	8.	9.	10.
11.	12.	13.	14.	15.
16.	17.	18.	19.	20.
21.	22.	23.	24.	25.
26.	27.	28.	29.	30.
31.	32.	33.	34.	35.
36.	37.	38.	39.	40.