ROY W. BROWN MIDDLE SCHOOL
BERGENFIELD, NJ

Math 7

Summer Packet

2023-2024

Name: _____

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

June 2023

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 this project.** Please read all directions carefully.

We wish you a wonderful and safe summer.

Sincerely,
Shane Biggins   Steve Neff
Principal   Director of Mathematics
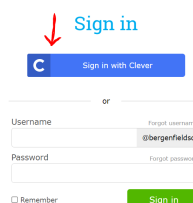
Roy W. Brown Middle School
Mathematics Department
Summer Course Work
For students entering
Math 7

In the following packet are directions for accessing the website, a list of activities to be completed, a guided review of the skills required for the completion of this assignment, and space to show your work.

You can access the IXLs two ways

1. **Click on the name of the IXL below in blue, it is a link directly to the assignments.**

   - Click sign in with Clever.

2. Go to Clever
   - Click on IXL

   - On the left side of the screen, select *seventh grade*.
   - Scroll up/down to find the selected IXL activities that you must complete. They are listed below. **(some letters may change without notice. Please follow the skill title)**

   For the specified sections where showing work is requested, you must show your work in the appropriate spaces in this packet beginning on page 5.

   I.   **Activities**

   You must show work for these activities:
   1. **E.5**   Divide decimals
   2. **G.1**   Add and subtract fractions
   3. **G.12** Divide fractions
   4. **S.6**   Solve one-step equations

   You do not need to show work for these activities:
   5. **B.7**   Compare and order integers
   6. **D.4**   Round decimals
   7. **P.1**   Coordinate plane review
   8. **S.2**   Write an equation from words
   9. **S.5**   Write and solve equations that represent diagrams
   10. **T.2** Graph inequalities on number line

II. Helpful Hints

    a. Your "SmartScore" is a score that reflects various aspects of performance, including **# of problems completed**, **# 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. Please be aware that when you decide to conclude a session by clicking "submit & finish", you must have an answer in the answer box, otherwise the current question will be marked wrong, lowering your SmartScore.

    d. Remember, the more practice you have with your prior grades 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 a 80 or higher on each IXL you will receive the full 10 extra credit points.

Activity Worksheets

Name _____

E.5 Divide decimals

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 _____

E.5 Divide decimals…. (continued).

41.	42.	43.	44.	45.
46.	47.	48.	49.	50.
51.	52.	53.	54.	55.
56.	57.	58.	59.	60.
61.	62.	63.	64.	65.
66.	67.	68.	69.	70.
71.	72.	73.	74.	75.

76.	77.	78.	79.	80.

Name _____

G.1 Add and subtract fractions

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 _____

G.1 Add and subtract fractions… (continued).

41.	42.	43.	44.	45.
46.	47.	48.	49.	50.
51.	52.	53.	54.	55.
56.	57.	58.	59.	60.
61.	62.	63.	64.	65.
66.	67.	68.	69.	70.
71.	72.	73.	74.	75.

76.	77.	78.	79.	80.

Name _____

G.12 Divide fractions

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 _____

G.12 Divide fractions…. (continued).

41.	42.	43.	44.	45.
46.	47.	48.	49.	50.
51.	52.	53.	54.	55.
56.	57.	58.	59.	60.
61.	62.	63.	64.	65.
66.	67.	68.	69.	70.

71.	72.	73.	74.	75.
76.	77.	78.	79.	80.

Name _____

S.6 Solve One-Step Equations

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 _____

S.6 Solve One-Step Equations… (continued).

41.	42.	43.	44.	45.
46.	47.	48.	49.	50.
51.	52.	53.	54.	55.
56.	57.	58.	59.	60.
61.	62.	63.	64.	65.
66.	67.	68.	69.	70.

71.	72.	73.	74.	75.
76.	77.	78.	79.	80.