

Ponaganset Middle School
Incoming 7th Grade Summer Math Work

This summer's math work will be done completely online. Your student already has a username and password for the website: www.ixl.com/signin/ponaganset

If your student does not have access to a computer or online services at home, the Foster and Gloucester Public Library information is included:

Foster Public Library 397-4801

Tyler Free Public Library 397-7930

Harmony Public Library 949-2850

Gloucester-Manton Public Library 568-6077

Incoming 7th grade students should be fluent in the multiplication tables up through the 12's table. The tables are included. Flashcards can be made using index cards in order to practice the tables over the summer to improve fluency. The websites that are included would be great for practice and enrichment.

Incoming 7th grade students should be proficient with addition, subtraction, multiplication and division of whole numbers, decimals and fractions. They should also be proficient with the order of operations. This summer work includes practice in these areas.

Calculators should NOT be used as we are trying to increase our students' proficiency and number sense.

X	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

This summer work should be completed by Friday, August 31st. Its minimum value will be a quiz grade. Additional assessment grades will be based on curriculum connection and will be left to the discretion of the teacher.

If you need your login and/or password, please EMAIL:
Cetheridge@fgschools.com
or
LMedeiros@fgschools.com

The following **Grade 7** IXL lessons should be completed. A score of 80% is the minimum score that must be achieved to consider a lesson completed. The lessons need to be completed by Friday, August 31st. Please encourage your student to click on the explanations when they get a question incorrect. Next year's math teacher will go online to see both the score and the number of minutes spent on each lesson.

Decimal Numbers

- D.1 Decimal numbers review
- D.2 Compare and order decimals
- D.4 Round decimals

Operations with Decimals

- E.1 Add and subtract decimals
- E.3 Multiply decimals
- E.5 Divide decimals

Fractions and Mixed Numbers

- F.2 Equivalent fractions
- F.3 Write fractions in lowest terms
- F.5 Least common denominator
- F.6 Compare and order fractions
- F.8 Convert between mixed numbers and improper fractions
- F.10 Round mixed numbers

Operations with Fractions

- G.1 Add and subtract fractions
- G.9 Multiply fractions
- G.12 Divide fractions

NOTE: IXL may change the lesson numbers, if that happens look for the topics that match this sheet and do those.

The following websites are helpful for both practice and enrichment.

Web Resources

<http://www.khanacademy.org/exercisedashboard>

<http://www.learnzillion.com/lessons>

This results sheet is due Friday, August 31st.

Name _____

SCORE: 7th Grade IXL Lessons:

_____	D.1 Decimal numbers review
_____	D.2 Compare and order decimals
_____	D.4 Round decimals
_____	E.1 Add and subtract decimals
_____	E.3 Multiply decimals
_____	E.5 Divide decimals
_____	F.2 Equivalent fractions
_____	F.3 Write fractions in lowest terms
_____	F.5 Least common denominator
_____	F.6 Compare and order fractions
_____	F.8 Convert between mixed numbers and improper fractions
_____	F.10 Round mixed numbers
_____	G.1 Add and subtract fractions
_____	G.9 Multiply fractions
_____	G.12 Divide fractions

_____ Average of all IXL Lessons

