

Student Name: _____

Rising Pre-Algebra Summer Work

Each student will have the opportunity to participate in an ice cream party at the beginning of the 2019-2020 school year by completing the following IXL's by August 16.

In the **6th grade section** of IXL, Rising Pre-Algebra students must earn 80 smart points on 25 out of 30 of the IXL strands. The coordinating strands in IXL and the strand names are listed below. Make sure you have your reporting date to start AFTER June 8th ~ and if you already have a smart score of 80, you need to do at least one more problem to maintain this smart score during this reporting period. This summer work is not counted for a percentage grade, but is highly encouraged so that you are ready for the next school year. If you want to participate in the ice cream party, you must meet the criteria listed above. If you do not qualify for the ice cream party, you will work on IXL while the party is happening :)

IXL Strand Name



1. Add and subtract whole numbers
2. Add and subtract whole numbers: word problems
3. Multiply whole numbers
4. Multiply whole numbers ending in zeroes
5. Multiply three or more numbers
6. Divisibility Rules
7. Divide whole numbers - 2 digit divisors
8. Decimal place values
9. Round decimals
10. Add and subtract decimal numbers
11. Multiply decimals
12. Divide decimals by whole numbers
13. Write fractions in lowest terms
14. Add and subtract fractions with unlike denominators
15. Add and subtract mixed numbers
16. Multiply two fractions
17. Multiply mixed numbers
18. Divide fractions
19. Divide fractions and mixed numbers
20. Add, subtract, multiply or divide two whole numbers
21. Add, subtract, multiply or divide two decimals
22. Add, subtract, multiply or divide two fractions
23. Multiply money by whole numbers and decimals
24. Divide money amounts
25. Elapsed time
26. Calculate mean, median, mode & range
27. Graph points on coordinate plane
28. Coordinate planes as maps
29. Area of Triangles
30. Area of Quadrilaterals

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IXL Completion Log

Every teacher has access to IXL and student completion; however, print this to help your child work at a reasonable pace this summer. Please return it on Book Day.

<u>Skill</u>	<u>IXL Strand Name</u>	<u>Completion Date</u>
A.6	Add and subtract whole numbers	
A.7	Add and subtract whole numbers: word problems	
B.1	Multiply whole numbers	
B.4	Multiply whole numbers ending in zeroes	
B.6	Multiply three or more numbers	
C.1	Divisibility rules	
C.5	Divide whole numbers - 2 digit divisors	
F.2	Decimal place values	
F.6	Round decimals	
G.1	Add and subtract decimal numbers	
H.2	Multiply decimals	
H.4	Divide decimals by whole numbers	
I.5	Write fractions in lowest terms	
J.3	Add and subtract fractions with unlike denominators	
J.6	Add and subtract mixed numbers	
K.6	Multiply two fractions	
K.13	Multiply mixed numbers	
L.5	Divide fractions	
L.7	Divide fractions and mixed numbers	
O.1	Add, subtract, multiply or divide two whole numbers	
O.4	Add, subtract, multiply or divide two decimals	
O.7	Add, subtract, multiply or divide two fractions	
U.2	Add and subtract money amounts	
U.4	Multiply money by whole numbers and decimals	
W.1	Elapsed time	

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X.2	Graph points on Coordinate plane	
X.4	Coordinate planes as maps	
FF.3	Area of Triangles	
FF.5	Area of Quadrilaterals	
HH.2	Calculate mean, median, mode & range	

Signing in for the first time on IXL

In order for the reporting date to start after June 8th, follow these steps:

- Sign in to IXL using your username and password
- Click on the Analytics tab at the top
- Find Date Range and click on the drop down tab. Change the date range from last 30 days to Custom
- Enter the start date of June 8, 2019
- You are ready to begin!

Helpful Hints:

1. Make sure your child is signed in each time; otherwise, your work will not count!
2. If your child is having difficulty on a strand, read the explanation that follows. You may print out if needed.
3. Have fun!