2023 Summer Math IXL
5th Grade skills for students going into 6th Grade

Please complete these skills; they are Grade 5 Skills. You need to complete the skill until you get a score of 70% or higher. If you had worked on these skills earlier in the year, you still need to complete them during the summer so it shows as a completed summer skill.

These skills must be completed by the first day of school. I will check in IXL to see the dates when you have completed the work and give you a grade.

Try to work on one or two skills each day - DO NOT leave the work until the end of the summer! Do not begin doing these skills until Thursday, June 22, 2023.

Sometimes the IXL skill numbers change over the summer - please check the skill name before you complete your work.

You must know all basic multiplication facts, 0 through 12.   There will be a timed test the second week of school, which will count as a grade.

B. Addition & Subtraction
- 1. Add and subtract whole numbers up to billions
- 2.Add and subtract whole numbers: word problems

C. Multiplication
- 4. Multiply numbers ending in zeros
- 5. Multiply numbers ending in zeros: word problems
- 20. Multiply three numbers up to 3 digits each

D. Division
- 1. Division facts to 12
- 3. Divide multi-digit numbers by 1-digit numbers
- 16. Divide 4-digit numbers by 2-digit numbers

F. Number theory
- 9. Greatest common factor of three numbers
- 11. Least common multiple of three or four numbers

G. Decimals

15. Put decimal numbers in order

17. Convert fractions to decimals

18. Convert mixed numbers to decimals

19. Convert decimals to fractions

H. Add and subtract decimals

2. Add decimal numbers

3. Subtract decimal numbers

5. Add and subtract decimals: word problems

I. Multiply decimals

15. Multiply two decimals: where does the decimal point go?

16. Multiply two decimals: products up to hundredths

17. Multiply two decimals: products up to thousandths

J. Divide decimals

6. Division with decimal quotients

12. Divide by decimals

K. Fractions and mixed numbers

5. Write fractions in lowest terms

7. Least common denominator

L. Add and Subtract Fractions

8. Add fractions with unlike denominators

11. Subtract fractions with unlike denominators

19. Add mixed numbers with unlike denominators

M. Multiply Fractions

21. Multiply two fractions

N. Divide Fractions

10. Divide two fractions

11. Divide fractions and mixed numbers