

Name: _____

Teacher: Mrs. Cain

Grade: 7 Blue/Red → Rising 8th Grade

Summer 2019 IXL Math Work

Each student must achieve a smart score of **80%** on the following 20 skills by the **first day of the 2019-2020 school year**. This work will be counted as his or her first math grade for the year. Use the table to track your progress. **All skills will be found under IXL 7.** Use **“Control f”** to find the skills by name.

*Calculators are **not** permitted!*

Skill	Smart Score	Date Achieved
1. Add and subtract integers		
2. Multiply and divide integers		
3. Evaluate numerical expressions involving integers		
4. Convert between mixed numbers and improper fractions		
5. Add, subtract, multiply, and divide fractions and mixed numbers: word problems		
6. Add, subtract, multiply, and divide decimals: word problems		
7. Solve proportions		
8. Solve proportions: word problems		
9. Convert between percents, fractions, and decimals		
10. Add and subtract like terms		
11. Evaluate linear expressions		
12. Find the slope from two points		
13. Graph a line using slope		
14. Solve two-step equations		
15. Solve equations involving like terms		

16. Graph inequalities on number lines		
17. Graph solutions to two-step inequalities		
18. Coordinate plane review		
19. <u>Pythagorean theorem:</u> <u>find the length of the hypotenuse</u>		
20. Pythagorean theorem: find the missing leg length		