

# WELCOME TO THE COURT: 8TH GRADE MATH!

## Summer IXL Training Camp

Dear Parents and Families,

Welcome to the big leagues! Your child has successfully boxed out 7th grade and is officially hitting the hardwood for their MVP season of middle school math: 8th Grade! I am absolutely thrilled to be their head coach this year. We might not be shooting for an NBA Championship in my classroom, but we *will* be bringing that Finals energy to the court every single day. We are going to treat this year like a deep playoff run, drawing up the perfect plays to conquer linear equations, geometry, and probability together!

To ensure those hard-earned math skills stay sharp over the summer break, we are utilizing the **IXL Summer Boost Skill Plan**. This tailored training camp outlines exactly what your student needs to practice to step onto the 8th-grade court in peak condition. Please have your child complete the shooting drills listed below. They can track their stats by writing the date they completed each skill.

### PLAYER IXL LOGIN INFO

**Username:** \_\_\_\_\_

**Password:** \_\_\_\_\_

DAY	IXL SKILL NAME & CODE	DATE COMPLETED
Day 1	Convert between decimals and fractions or mixed numbers (8XE)	
Day 2	Identify proportional relationships from tables (6V7)	
Day 3	Multiply using the distributive property (NUY)	

DAY	IXL SKILL NAME & CODE	DATE COMPLETED
<b>Day 4</b>	Area of compound figures with triangles (MRG)	
<b>Day 5</b>	Add and subtract positive and negative fractions (SD2)	
<b>Day 6</b>	Complete multiplication and division equations with integers (K94)	
<b>Day 7</b>	Write and solve equations for proportional relationships (VKK)	
<b>Day 8</b>	Add and subtract linear expressions (6BT)	
<b>Day 9</b>	Circles: word problems (P56)	
<b>Day 10</b>	Solve two-step equations (QEB)	
<b>Day 11</b>	Evaluate numerical expressions involving integers (7YN)	
<b>Day 12</b>	Complete a table for a two-variable relationship (2LU)	
<b>Day 13</b>	Factors of linear expressions (J9G)	
<b>Day 14</b>	Find measures of complementary, supplementary, vertical, and adjacent angles (CST)	
<b>Day 15</b>	Interpret charts and graphs to find mean, median, mode, and range (CYK)	
<b>Day 16</b>	Identify equivalent linear expressions I (DRB)	
<b>Day 17</b>	Write equations for proportional relationships from graphs (JKH)	
<b>Day 18</b>	Solve two-step inequalities (XGQ)	
<b>Day 19</b>	Triangle inequality (5RX)	

DAY	IXL SKILL NAME & CODE	DATE COMPLETED
<b>Day 20</b>	Experimental probability (9AA)	

*I look forward to an amazing year of learning, team-building, and nothing but net!  
See you on the court this fall!*