

Family Resources for Math 7B/8 Unit 5A: Linear Relationships

Supporting Middle School Math Learning at Home

Middle school is a pivotal time in a child's mathematical journey. As concepts become more complex and abstract, students are also developing greater independence in how they learn. During this stage, the role of parents and caregivers is not to have all the answers, but to create an environment where effort, curiosity, and persistence are valued. With the right support, home can become a place where students build confidence, develop problem-solving skills, and strengthen their identity as capable math learners.

A Supportive Partnership

The goal of helping with math at home is not perfection—it's progress. When parents and caregivers provide structure, encouragement, and a positive mindset, they help students take ownership of their learning. Over time, this builds not only stronger math skills, but also persistence, independence, and confidence that extend far beyond the classroom.



For additional information and resources to support at home, please visit the [Office of Mathematics website](#).

Big Ideas in Unit 5A

Within this unit, students will learn these big ideas:

- Proportional Relationships
- Representing Linear Relationships
- Finding Slopes and Linear Equations

For more details about this unit, see [Unit 5A Family Resources](#).

Lesson Specific Resources

Use the links below to learn about the learning from each lesson.

Lesson Link
<u>5.1 Understanding Proportional Relationships</u>
<u>5.2 Representing Proportional Relationships</u>
<u>5.3 Comparing Proportional Relationships</u>
<u>5.4 Introduction to Linear Relationships</u>
<u>5.5 More Linear Relationships</u>
<u>5.6 Representations of Linear Relationships</u>
<u>5.7 Translating to $y = Mx + b$</u>
<u>5.8 Slopes Don't Have to Be Positive</u>
<u>5.9 Calculating Slope</u>
<u>5.10 Equations of All Kinds of Lines</u>
<u>5.11 Solutions to Linear Equations</u>
<u>5.12 More Solutions to Linear Equations</u>
<u>5.26 Using Linear Relations to Solve Problems</u>