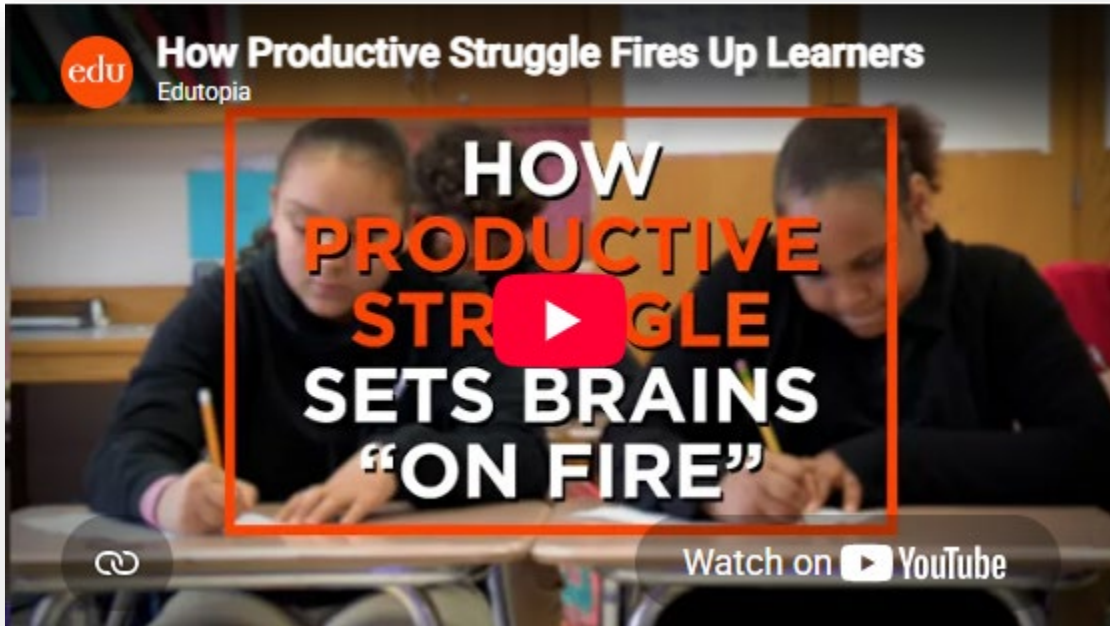


Family Resources for Math 7B/8 Unit 5B: Linear Relationships and Data

Productive Struggle

Productive struggle is important because it helps students understand math more deeply, build confidence when solving hard problems, and make stronger connections in their brains that support learning. When students work through challenging problems instead of giving up, they build stronger problem-solving skills and gain a better understanding of math concepts. Struggling in a positive way also helps students become more confident and shows them that learning takes time and effort. With support from their teacher, students can learn that mistakes are a normal and valuable part of learning math.



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

Big Ideas in Unit 5B

Within this unit, students will learn these big ideas:

- Systems of Linear Equations
- Associations in Numerical Data
- Associations in Categorical Data

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

Lesson Specific Resources

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

Lesson Link
<u>Acc 7.5.13 On Both of the Lines</u>
<u>Acc 7.5.14 Systems of Equations</u>
<u>Acc 7.5.15 Solving Systems of Equations</u>
<u>Acc 7.5.16 Solving More Systems</u>
<u>Acc 7.5.17 Writing Systems of Equations</u>
<u>Acc 7.5.18 Organizing Data</u>
<u>Acc 7.5.19 What a Point in a Scatter Plot Means</u>
<u>Acc 7.5.20 Fitting a Line to Data</u>
<u>Acc 7.5.21 Describing Trends in Scatter Plots</u>
<u>Acc 7.5.22 The Slope of a Fitted Line</u>
<u>Acc 7.5.23 Observing More Patterns in Scatter Plots</u>
<u>Acc 7.5.24 Looking for Associations</u>
<u>Acc 7.5.25 Using Data Displays to Find Associations</u>
<u>Acc 6.8.15 Keeping Track of All Possible Outcomes</u>
<u>Acc 6.8.16 Multi-step Experiments</u>
<u>Acc 6.8.17 Designing Simulations</u>