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*Chapter icons: Chapter 3: shutterstock/Ksuxa-muxa; Chapter 4: iStock.com/elapela*
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Modification Strategy 3: Ask Students “Does This Always Work?” (Generalize)

Modification Strategy 4: Ask Students the Reverse (Reverse the Problem)

Modification Strategy 5: Ask Students to Agree or Disagree (Justify)

Modification Strategy 6: Ask Students Open Questions (Open it)

Modification Strategy 7: Ask Students to Compare and Contrast (Similarities and Differences)

Modification Strategy 8: Ask Students to Find and Use a Pattern (Find a Pattern)

Modification Strategy 9: Ask Students to Put Their Understanding in Writing (Write About It)

Modification Strategy 10: Ask Students to Agree or Disagree (Justify)

Modification Strategy 11: Ask Students to Compare and Contrast (Similarities and Differences)

Modification Strategy 12: Ask Students to Create or Connect Different Representations (Connect)

Modification Strategy 13: Ask Students “Does This Always Work?” (Generalize)

Modification Strategy 14: Ask Students the Reverse (Reverse the Problem)

Modification Strategy 15: Ask Students to Agree or Disagree (Justify)

Modification Strategy 16: Ask Students Open Questions (Open it)

Modification Strategy 17: Ask Students to Compare and Contrast (Similarities and Differences)

Modification Strategy 18: Ask Students to Find and Use a Pattern (Find a Pattern)

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Chapter 6. **ACTION 6: REFLECT ON PRODUCTIVE STRUGGLE**

Integrating Reflection on Struggle Into Lesson Closure

Student Activities for Reflection on Struggle

- Independent Writing and Drawing
- Student Activity 1: Journaling
- Student Activity 2: Struggle Doodle
- Student Activity 3: Who I Learned From
- Collaborative Reflections
- Student Activity 4: The Picture of Struggle
- Student Activity 5: One Word
- Student Activity 6: Find Someone
- Evalutative Reflection Activities
- Student Activity 7: Got It, Tried It
- Student Activity 8: Too Easy, Too Hard, Just Right—The Goldilocks Reflection
- Student Activity 9: Today I..., Tomorrow I Will...

Teacher Reflection on Productive Struggle

- Teacher Option 1: In-the-Moment Notes
- Teacher Option 2: Journaling
- Teacher Option 3: When Students Reflect, You Reflect
- Teacher Option 4: Team Reflections or Professional Learning Cadres

Reflection Leads to Celebration

- Celebration Approach 1: Notice It and Reward It With Struggle Bucks and Shout-Outs
- Celebration Approach 2: Reward It Beyond Math Class With Brag Tags
- Celebration Approach 3: Reward When Students Take Advantage of Tools
- One Caveat About Celebration

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Visit the companion website at resources.corwin.com/productivemathstruggle for downloadable resources.