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Chapter 1 Place Value, Addition, and Subtraction to One Million

Domain:

Number and Operations in Base Ten 4.NBT

Connecting Domains and Clusters:

* This chapter also includes the following standards: 4.OA.A.3

Common Core MATHEMATICAL PRACTICES

MP1 Make sense of problems and persevere in solving them.

MP2 Reason abstractly and quantitatively.

MP3 Construct viable arguments and critique the reasoning of others.

MP4 Model with mathematics.

MP5 Use appropriate tools strategically.

MP6 Attend to precision.

MP7 Look for and make use of structure.

MP8 Look for and express regularity in repeated reasoning.

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Domains:

Operations and Algebraic Thinking 4.OA
 Number and Operations in Base Ten 4.NBT

Connecting Domains and Clusters:

* This chapter also includes the following standards:
 4.NBT.A.1, 4.NBT.A.3

Common Core MATHEMATICAL PRACTICES

MP1 Make sense of problems and persevere in solving them.
 MP2 Reason abstractly and quantitatively.
 MP3 Construct viable arguments and critique the reasoning of others.
 MP4 Model with mathematics.

MP5 Use appropriate tools strategically.
 MP6 Attend to precision.
 MP7 Look for and make use of structure.
 MP8 Look for and express regularity in repeated reasoning.

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2.4 Estimate Products	4.NBT.B.5	81A
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2.6 Multiply Using Expanded Form	4.NBT.B.5	93A
2.7 Multiply Using Partial Products	4.NBT.B.5	99A
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Domains:

Operations and Algebraic Thinking 4.OA
 Number and Operations in Base Ten 4.NBT

Connecting Domains and Clusters:

* This chapter also includes the following standards:
 4.NBT.A.1, 4.NBT.A.3

Common Core MATHEMATICAL PRACTICES

MP1 Make sense of problems and persevere in solving them.
 MP2 Reason abstractly and quantitatively.
 MP3 Construct viable arguments and critique the reasoning of others.
 MP4 Model with mathematics.

MP5 Use appropriate tools strategically.
 MP6 Attend to precision.
 MP7 Look for and make use of structure.
 MP8 Look for and express regularity in repeated reasoning.

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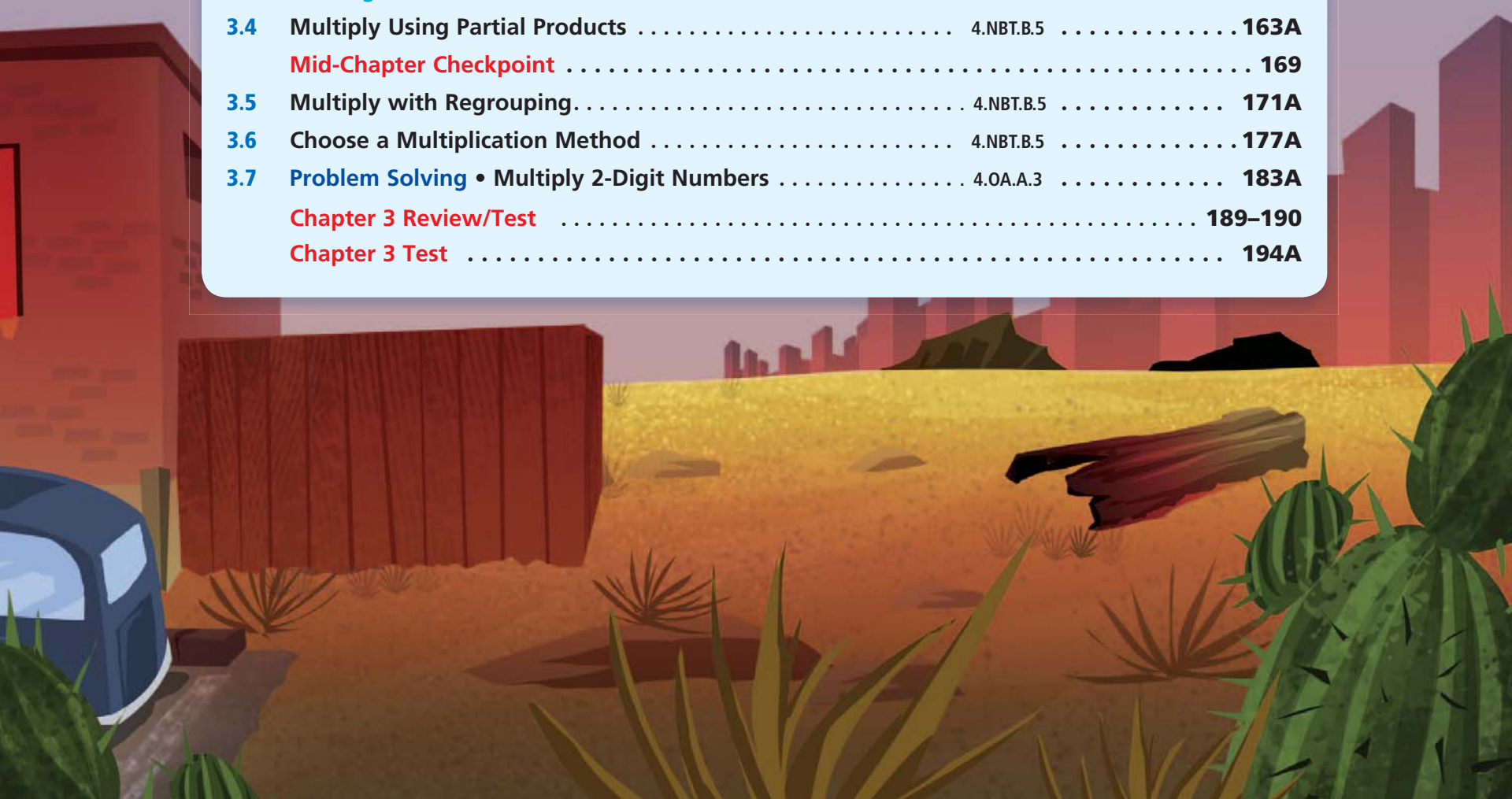


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Domains:

Operations and Algebraic Thinking 4.OA
 Number and Operations in Base Ten 4.NBT

Connecting Domains and Clusters:

* This chapter also includes the following standard:
 4.NBT.A.1

MATHEMATICAL PRACTICES

MP1 Make sense of problems and persevere in solving them.
 MP2 Reason abstractly and quantitatively.
 MP3 Construct viable arguments and critique the reasoning of others.
 MP4 Model with mathematics.

MP5 Use appropriate tools strategically.
 MP6 Attend to precision.
 MP7 Look for and make use of structure.
 MP8 Look for and express regularity in repeated reasoning.

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Domain:

Operations and Algebraic Thinking 4.OA

Common Core MATHEMATICAL PRACTICES

MP1 Make sense of problems and persevere in solving them.

MP2 Reason abstractly and quantitatively.

MP3 Construct viable arguments and critique the reasoning of others.

MP4 Model with mathematics.

MP5 Use appropriate tools strategically.

MP6 Attend to precision.

MP7 Look for and make use of structure.

MP8 Look for and express regularity in repeated reasoning.

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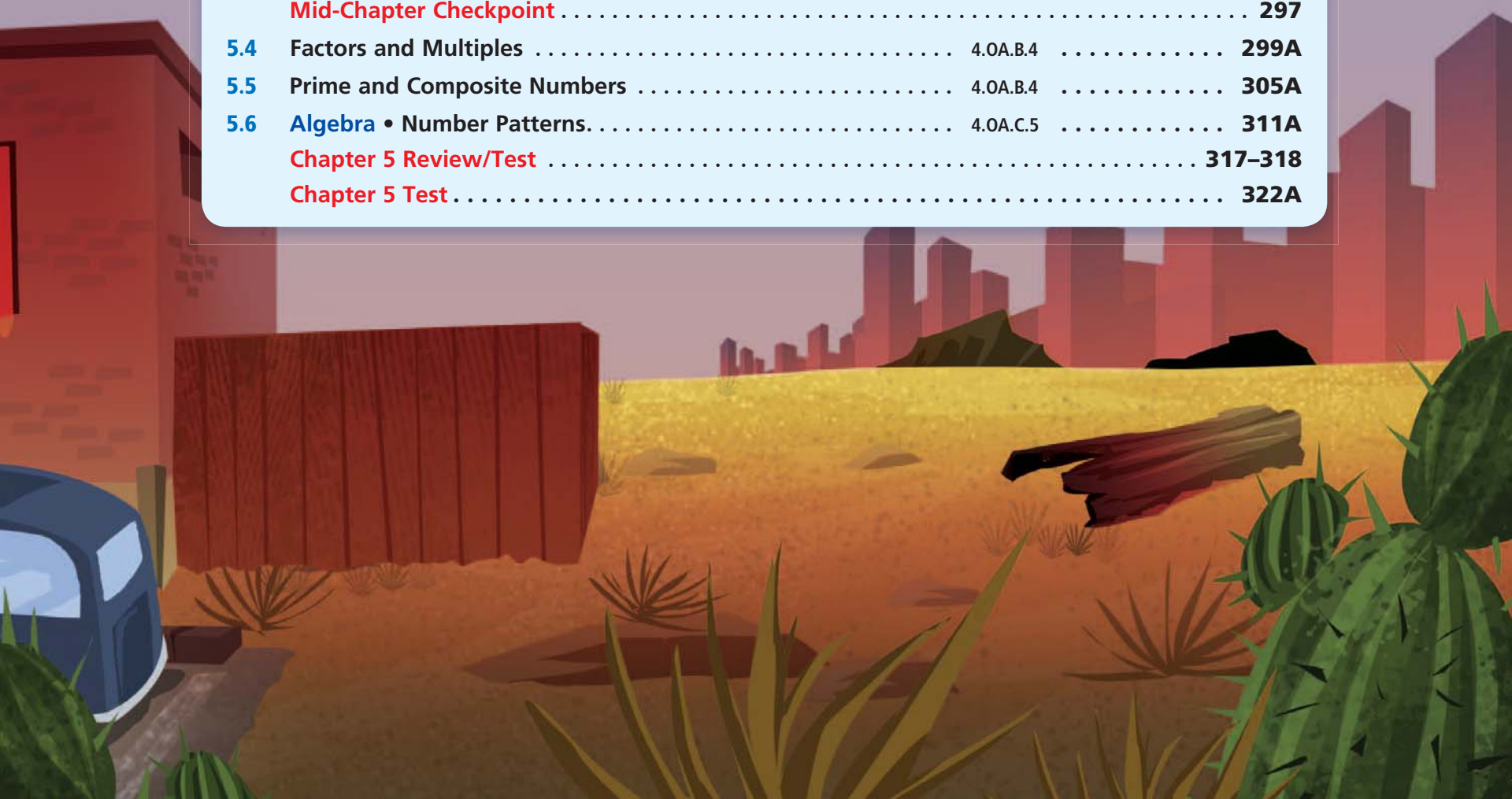


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Domain:

Number and Operations—Fractions 4.NF

Common Core MATHEMATICAL PRACTICES

MP1 Make sense of problems and persevere in solving them.

MP2 Reason abstractly and quantitatively.

MP3 Construct viable arguments and critique the reasoning of others.

MP4 Model with mathematics.

MP5 Use appropriate tools strategically.

MP6 Attend to precision.

MP7 Look for and make use of structure.

MP8 Look for and express regularity in repeated reasoning.

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Domain:

Number and Operations—Fractions 4.NF

Connecting Domains and Clusters:

* This chapter also includes the following standard: 4.MD.A.2

Common Core MATHEMATICAL PRACTICES

- MP1 Make sense of problems and persevere in solving them.
- MP2 Reason abstractly and quantitatively.
- MP3 Construct viable arguments and critique the reasoning of others.
- MP4 Model with mathematics.

- MP5 Use appropriate tools strategically.
- MP6 Attend to precision.
- MP7 Look for and make use of structure.
- MP8 Look for and express regularity in repeated reasoning.

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Chapter 8 Multiply Fractions by Whole Numbers

Domain:

Number and Operations—Fractions 4.NF



MATHEMATICAL PRACTICES

MP1 Make sense of problems and persevere in solving them.

MP2 Reason abstractly and quantitatively.

MP3 Construct viable arguments and critique the reasoning of others.

MP4 Model with mathematics.

MP5 Use appropriate tools strategically.

MP6 Attend to precision.

MP7 Look for and make use of structure.

MP8 Look for and express regularity in repeated reasoning.

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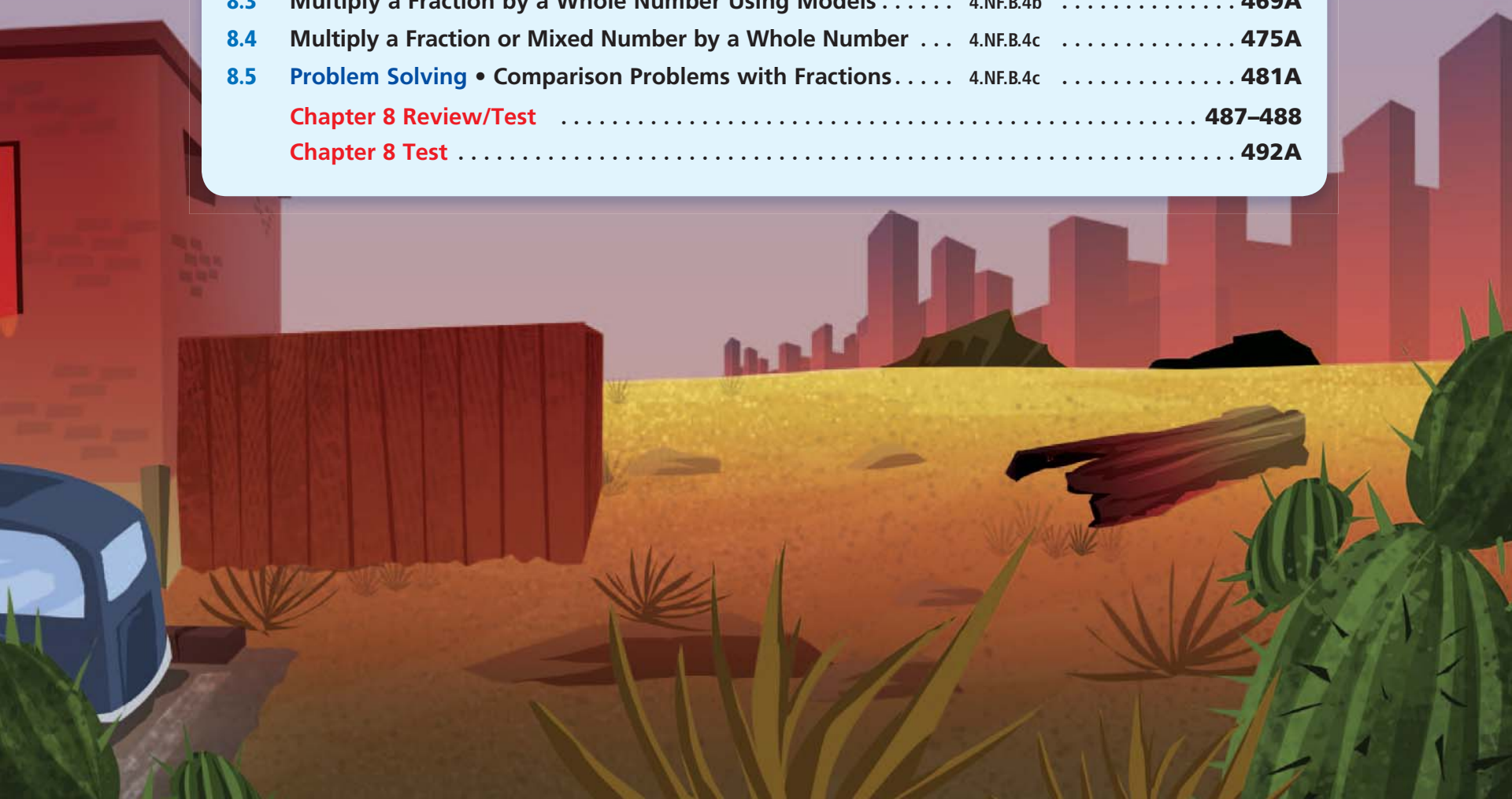


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Domains:

Number and Operations—Fractions 4.NF
Measurement and Data 4.MD



MATHEMATICAL PRACTICES

MP1 Make sense of problems and persevere in solving them.

MP2 Reason abstractly and quantitatively.

MP3 Construct viable arguments and critique the reasoning of others.

MP4 Model with mathematics.

MP5 Use appropriate tools strategically.

MP6 Attend to precision.

MP7 Look for and make use of structure.

MP8 Look for and express regularity in repeated reasoning.

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Domains:

Geometry 4.G
Operations and Algebraic Thinking 4.OA

MATHEMATICAL PRACTICES

- | | |
|--|--|
| MP1 Make sense of problems and persevere in solving them. | MP5 Use appropriate tools strategically. |
| MP2 Reason abstractly and quantitatively. | MP6 Attend to precision. |
| MP3 Construct viable arguments and critique the reasoning of others. | MP7 Look for and make use of structure. |
| MP4 Model with mathematics. | MP8 Look for and express regularity in repeated reasoning. |

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Domain:

Measurement and Data 4.MD

Common Core MATHEMATICAL PRACTICES

- MP1 Make sense of problems and persevere in solving them.
- MP2 Reason abstractly and quantitatively.
- MP3 Construct viable arguments and critique the reasoning of others.
- MP4 Model with mathematics.

Connecting Domains and Clusters:

* This chapter also includes the following standards:
4.MD.C.5b

- MP5 Use appropriate tools strategically.
- MP6 Attend to precision.
- MP7 Look for and make use of structure.
- MP8 Look for and express regularity in repeated reasoning.

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Domain:

Measurement and Data 4.MD



MATHEMATICAL PRACTICES

MP1 Make sense of problems and persevere in solving them.

MP2 Reason abstractly and quantitatively.

MP3 Construct viable arguments and critique the reasoning of others.

MP4 Model with mathematics.

MP5 Use appropriate tools strategically.

MP6 Attend to precision.

MP7 Look for and make use of structure.

MP8 Look for and express regularity in repeated reasoning.

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12.9 Problem Solving • Elapsed Time	4.MD.A.2	691A
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Domain:

Measurement and Data 4.MD



MATHEMATICAL PRACTICES

MP1 Make sense of problems and persevere in solving them.

MP2 Reason abstractly and quantitatively.

MP3 Construct viable arguments and critique the reasoning of others.

MP4 Model with mathematics.

MP5 Use appropriate tools strategically.

MP6 Attend to precision.

MP7 Look for and make use of structure.

MP8 Look for and express regularity in repeated reasoning.

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