

# Grade Level: 6-8: Mathematics

## Listening

- 1 Match twodimensional shapes three-dimensional shapes and twodimensional shapes from an oral description with a partner using single words or phrases.** 16.3.6-8.1L
- 2 Select twodimensional shapes three-dimensional shapes and twodimensional shapes from an oral description with a partner reading brief descriptions.** 16.3.6-8.2L
- 3 Select twodimensional shapes three-dimensional shapes and twodimensional shapes from an oral description with a partner reading a paragraph** 16.3.6-8.3L
- 4 Match two dimensional shapes three-dimensional shapes and twodimensional shapes from an oral description with a partner using grade level specific vocabulary (e.g., polygon, cube, tetrahedral).** 16.3.6-8.4L
- 5 Select two dimensional shapes three-dimensional shapes and twodimensional shapes after an oral description from a presentation to the whole class.** 16.3.6-8.5L

## Reading

- 1 Match order of operations terms with symbols with teacher prompting.** 16.3.6-8.1R
- 2 Identify key terms to determine the order of operations in a shared reading of a story problem.** 16.3.6-8.2R
- 3 Demonstrate the order of multi-step problems using manipulatives.** 16.3.6-8.3R
- 4 Follow written directions to solve a multi-step problem based on models.** 16.3.6-8.4R
- 5 Solve a multi-step problem working with a partner.** 16.3.6-8.5R

## Speaking

- 1 Name math terms as depicted on flash cards.** 16.3.6-8.1S
- 2 State the steps needed to solve a visually depicted math problem using manipulatives.** 16.3.6-8.2S
- 3 Explain the steps used to solve a visually supported math problem.** 16.3.6-8.3S

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**4 Analyze the process for solving grade-level math problems with a partner.** 16.3.6-8.4S

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**5 Offer an alternative solution to solving a math problem with a small group.** 16.3.6-8.5S

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## Writing

**1 Label a bar graph with title, appropriate scale, labels and a key using a model.** 16.3.6-8.1W

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**2 Write phrases to describe patterns of data in charts and graphs using a visual example.** 16.3.6-8.2W

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**3 Compare and contrast data in charts and graphs using a Venn diagram.** 16.3.6-8.3W

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**4 Create an appropriate chart or graph for a given set of data while working with a partner.** 16.3.6-8.4W

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**5 Justify the process for solving a grade-level open-ended item dealing with data (e.g., why a circle graph would be the best way to report the data) using class notes.** 16.3.6-8.5W