



- ✓ STUDENT STRENGTHS: M11.A.3, M11.B.3, M11.D.1, M11.D.3, M11.E.1, M11.E.3
- ✗ STUDENT WEAKNESSES: M11.A.2, M11.B.2, M11.C.3, M11.D.2, M11.D.4


[MA] NUMBERS & OPERATIONS

M7.A.1  100% [2/2] questions

- Convert between fractions, decimals and/or percents (e.g., $20\% = 0.2 = 1/5$) (terminating decimals only).
- Compare and/or order integers, mixed numbers, fractions and decimals (fractions and decimals may be mixed – no more than 5 numbers in a set to be ordered).
- Locate/identify decimals, fractions, mixed numbers and/or integers on a number line (a mix of these number forms may be on the same number line).
- Find and/or use the Greatest Common Factor (GCF) (e.g., to simplify fractions).
- Calculate and/or use the Least Common Multiple (LCM) (e.g., to find common denominators in fractions - limit to 3 fractions)
- Find the square and/or square root of a number and/or explain the relationship between the two (perfect squares only)


M7.A.2  100% [4/4] questions

- Use the order of operations to simplify numerical expressions (may use parentheses, brackets, +, -, \times , \div , squares up to 10 to the 2nd power and cubes up to 4 to the 3rd power; whole numbers only).
- Write ratios to compare quantities (e.g., ratio of boys to girls).
- Solve for a variable in a given proportion.
- Use proportions to determine if two quantities are equivalent (e.g., similar figures, prices of different sized items, etc).
- Calculate and/or apply unit rates or unit prices (terminating decimals through the hundredth place only).
- Select and/or use ratios or proportions to solve problems.
- Use proportions to find the missing length of a side in similar figures.


M7.A.3  75% [3/4] questions

- Estimate answers to problems involving whole numbers, decimals, fractions or mixed numbers.
- Solve problems involving operations (+, -, \times , \div) of whole numbers, decimals, fractions, or mixed numbers (straight computation or word problems).
- Solve problems involving addition and subtraction of integers.

[MB] MEASUREMENT


M7.B.1  100% [1/1] questions

- Add, subtract, or convert measurements, using only the units below, with and without regrouping (e.g., $4\text{ft} - 2\text{ft } 5\text{in} = 1\text{ft } 7\text{in}$) Answer should be converted to the largest whole unit (e.g., $37\text{oz} = 2\text{Lb } 5\text{oz}$ or $39\text{in} = 1\text{yd } 3\text{in}$). Conversion chart included on the reference sheet. Units: in, ft, yd; fl oz, cup, pint, quart, gallon; oz, Lb; sec, min, hours, days; metric units including milli, centi, and kilo (m, g or L).


M7.B.2  67% [2/3] questions

- Develop and/or use strategies to find the perimeter and/or area of compound figures (compound figures should only include triangles and quadrilaterals). Area formulas provided on the reference sheet.
- Find the circumference and/or area of circles (formulas provided on the reference sheet).
- Find the area of triangles and/or all types of parallelograms (formulas provided on the reference sheet).
- Find the area of triangles, all types of parallelograms and/or trapezoids (formulas provided on the reference sheet)
- Interpret and/or apply scales shown on maps, blueprints, models, etc.
- Determine and/or apply an appropriate scale for reduction or enlargement.

[MC] GEOMETRY


M7.C.1  67% [2/3] questions

- Identify, describe and/or define diameter, radius, chord and/or circumference in circles.
- Solve problems involving the relationship between the radius and diameter of the same circle.
- Identify parallel, perpendicular and/or skew line segments within three-dimensional figures.
- Identify and/or use polygons that are similar and/or congruent, given either measurements or tic and angle marks.
- Identify corresponding sides and/or angles of congruent or similar polygons.


M7.C.3  75% [1/1] questions

- Plot and/or identify ordered pairs on a coordinate plane (all four quadrants).
- Identify Quadrants I, II, III, IV, the x- & y-axes and the origin on a coordinate plane.


[MD] ALGEBRAIC CONCEPTS

M7.D.1  100% [1/1] questions

- Describe, extend or find a missing element of a pattern (show 3 repetitions of the pattern)
 1. fractions or decimals - may use only one operation from +, -, \times
 2. whole numbers – may use only one operation from +, -, \times , \div or squares


M7.D.2  80% [4/5] questions

- Select and/or use appropriate strategies to solve one-step equations (no negative numbers).
- Use substitution of one and/or two variables to simplify expressions (whole numbers only - use order of operations).
- Identify expressions, equations or inequalities that model mathematical situations (using whole numbers or decimals, no more than two operations and one variable).


M7.D.3  50% [1/2] questions

- Solve problems involving a constant rate of change (e.g., word problems, graphs or data tables).
- Describe and/or use the relationship of data displayed on a rate of change graph (e.g., how does the x-axis data relate to the y-axis data).

[ME] DATA ANALYSIS | PROBABILITY

M7.E.1  0% [0/1] questions

- Analyze data and/or answer questions pertaining to data represented in histograms, double bar graphs, multiple line graphs or stem-and-leaf plots.


M7.E.3  0% [0/2] questions

- Find the theoretical probability of a simple and/or compound event (answer written as a fraction in lowest terms – any compound events should be independent).
- Find the theoretical probability of an event not occurring (e.g., what is the probability of not rolling a 1 on a number cube).
- Use data displayed in charts, graphs or tallies to find experimental probability.


M7.E.4  100% [1/1] questions

- Formulate predictions and/or draw conclusions based on data displays (bar graphs, circle graphs and line graphs) or probability.

[RA] COMPREHENSION AND READING SKILLS

M7.E.1  60% [3/5] questions

- Identify and/or apply meaning of a multiple-meaning word used in text.
- Identify and/or apply a synonym or antonym of a word used in text.
- Identify how the meaning of a word is changed when an affix is added; identify the meaning of a word from the text with an affix.
- Define and/or apply how the meaning of words or phrases changes when using context clues given in explanatory sentences.
- Make inferences and/or draw conclusions based on information from the text.
- Cite evidence from text to support generalizations.
- Identify and/or explain stated or implied main ideas and relevant supporting details from text.
- Summarize the key details and events of a fictional text as a whole.
- Identify and/or describe the author's intended purpose of text.
- Describe and/or analyze examples of text that support the author's intended purpose.

R7.A.2  100% [9/9] questions

- Identify and/or apply appropriate meaning of multiple-meaning words used in text.
- Identify and/or apply meaning of content-specific words used in text.
- Identify and apply how the meaning of a word is changed when an affix is added; identify the meaning of a word from the text with an affix.
- Define and/or apply how the meaning of words or phrases changes when using context clues given in explanatory sentences.
- Make inferences and/or draw conclusions based on information from text.
- Cite evidence from text to support generalizations.
- Identify and/or explain stated or implied main ideas and relevant supporting details from text.
- Summarize the major points, processes, and events of a non-fictional text as a whole.
- Identify and/or describe the author's intended purpose of text.
- Identify and/or analyze examples of text that support the author's intended purpose.

*please note: R7.B would normally follow, but has been omitted in this example only in order to maintain a single-page layout.

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| Numbers & Operations 33% | Measurement 13% | Geometry 13% | Algebraic Concepts 25% | Data Analysis/Probability 19% | Comprehension 50% | Interpretation 50% |
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Student Strengths and Weaknesses determined by overall performance in eligible content areas. Strengths are areas which the student scored 80% and above, weaknesses are scored below 65%.

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| a | b | c | d | e | (a.) 0 - 34.9% | (b.) 35.0 - 62.9% | (c.) 63.0 - 74.9% | (d.) 75.0 - 87.9% | (e.) 88.0 - 100% |
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