MTM STAAR QUESTION BANK

6th GRADE

40+ questions that reflect the new question types

6

A recipe for granola bars calls for the following ingredients:

- $\frac{5}{6}$ cup of almond butter
- 3 tablespoons maple syrup
- $2\frac{1}{4}$ cups old-fashioned rolled oats
- 2 cups chocolate chips

Caitlin wants to make $\frac{1}{2}$ of the recipe. Complete each statement.

Move the correct answer to each box. Each answer may be used more than once. Not all answers will be used.

$1\frac{2}{3}$ | $1\frac{1}{8}$ | $1\frac{1}{2}$ | $\frac{3}{12}$ | $\frac{5}{12}$ | $4\frac{1}{2}$

Caitlin will need to use [ ] cups of almond butter.

Caitlin will need to use [ ] cups of old-fashioned rolled oats.

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new question types:

- ✓ equation editor
- ✓ graphing
- ✓ number line
- ✓ inline choice
- ✓ drag and drop
- ✓ hot spot
- ✓ match table grid
- ✓ multiselect

11

The table shows the simplified ratio of people who ordered a certain breakfast entrée to the total number of people who ordered breakfast. A total of 120 people ordered breakfast. Which statements are supported by the data in the table?

Breakfast Entrée	Ratio to the Total
Waffles	$\frac{11}{20}$
Sausage Biscuit	$\frac{3}{40}$
Avocado Toast	$\frac{1}{8}$
Omelet	$\frac{1}{4}$

Select TWO correct answers.

- ☐ 40 customers ordered a sausage biscuit
- ☐ More customers ordered waffles than any other breakfast entrée
- ☐ There were 16 more people who ordered waffles than a sausage biscuit
- ☐ Half as many people ordered an omelet as avocado toast
- ☐ There were 51 more people who ordered waffles than avocado toast

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MTM STAAR QUESTION BANK

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familiarize your students with the new question types

MTM STAAR Question Bank

TEACHER INSTRUCTIONS

WHAT'S INCLUDED

This 6th grade question bank was created to provide ready-to-go practice materials in order to review mathematical content and practice new question formats. The following files are included:

- **Question Bank:** This file contains a link to access the questions through Google Slides. The slides are designed to be projected in a whole class setting where the teacher and/or student can annotate on the slides.
- **Printable Questions:** This file includes the same practice questions as the question bank slides but is formatted as a half-sheet in order to provide a printable paper option for individual students.
- **Answer Keys:** This file is formatted with two practice questions per page with the correct answers shown. In situations where there is more than one possible answer, a sample answer is shown.

HOW TO USE

This resource is designed for gradual use with a classroom of students. For example, each question might serve as a useful warm-up and/or exit ticket to incorporate regularly in the classroom. A suggested routine is outlined below:

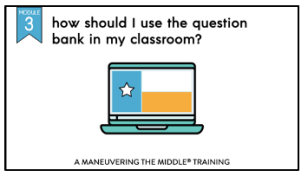
1. Print and copy a question and cut into half sheets for each student. Project the corresponding question on the board.
2. Allow students 3-5 minutes to work through the given question.
3. Ask for students to share solutions, steps and strategies as you annotate on the board. Provide any instruction and clarification as needed.

For more information and specifics on utilizing the Maneuvering the Middle® STAAR Question Bank, please reference the training modules below.

After clicking the link below, enter password MTMPD2023 when prompted.

Module 1: Upcoming Changes to the STAAR Test

Module 2: The Purpose of the MTM Question Bank



Module 3: How to Use the Question Bank in Your Classroom

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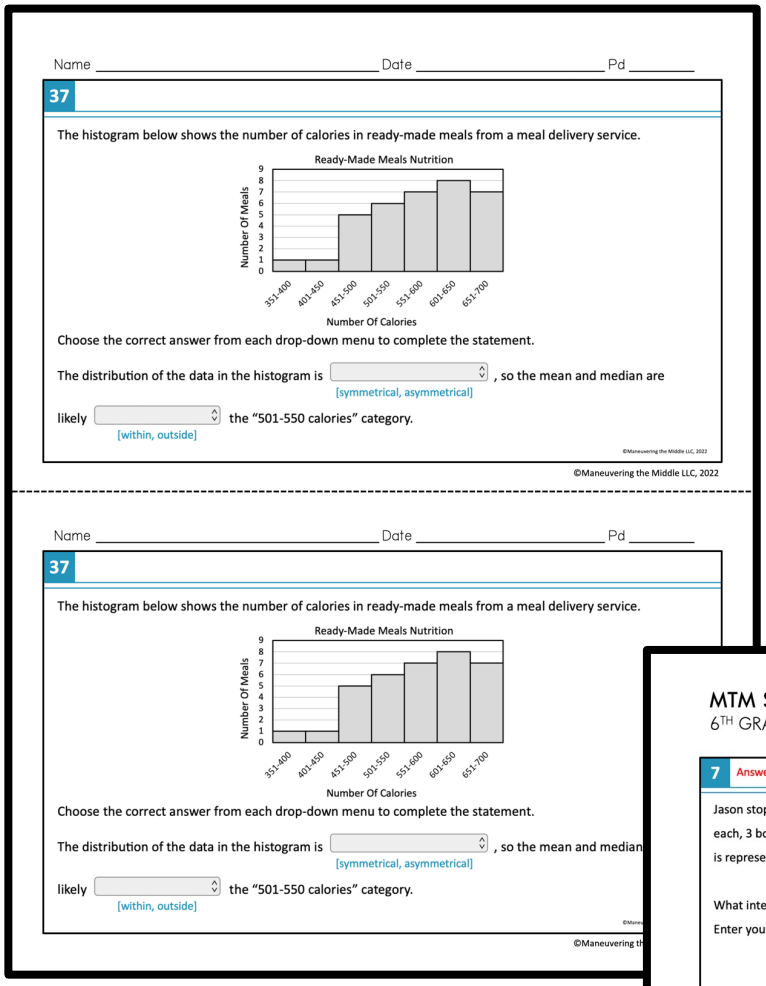

Name _____ Date _____ Pd _____

37

The histogram below shows the number of calories in ready-made meals from a meal delivery service.

Choose the correct answer from each drop-down menu to complete the statement.

The distribution of the data in the histogram is [ ] [symmetrical, asymmetrical], so the mean and median are likely [ ] [within, outside] the "501-550 calories" category.

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Name _____ Date _____ Pd _____

37

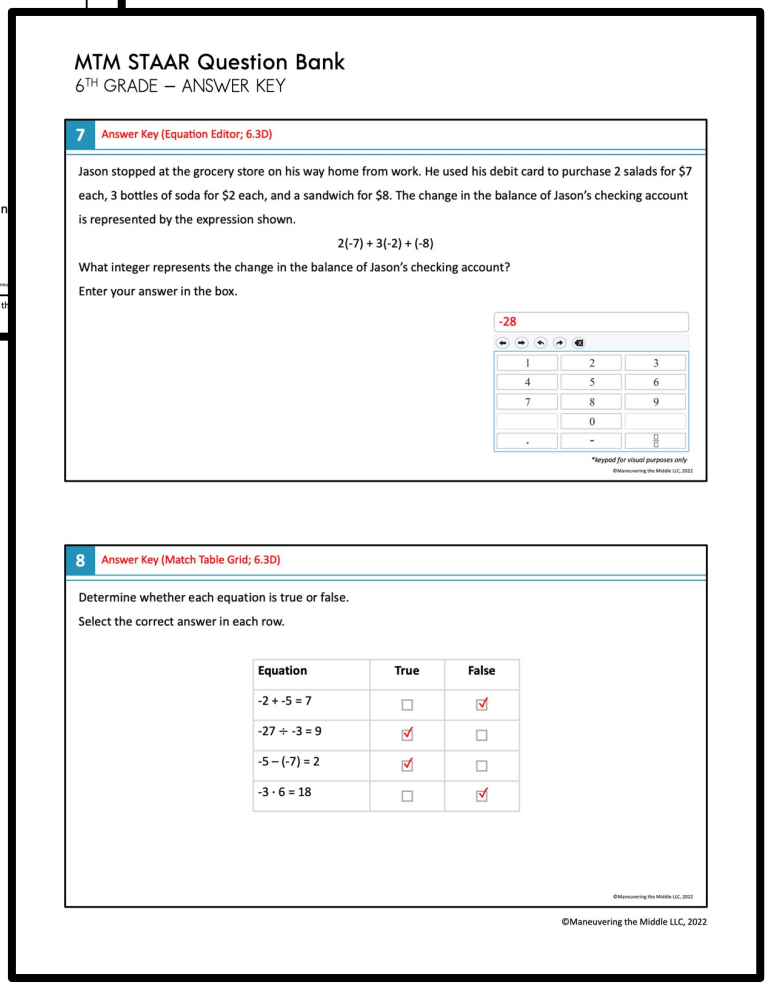
The histogram below shows the number of calories in ready-made meals from a meal delivery service.

Ready-Made Meals Nutrition
Number Of Meals
0 1 2 3 4 5 6 7 8 9
351-400
401-450
451-500
501-550
551-600
601-650
651-700
Number Of Calories

Choose the correct answer from each drop-down menu to complete the statement.

The distribution of the data in the histogram is [ ] [symmetrical, asymmetrical], so the mean and median

likely [ ] [within, outside] the "501-550 calories" category.



MTM STAAR Question Bank
6TH GRADE – ANSWER KEY

7 Answer Key (Equation Editor; 6.3D)

Jason stopped at the grocery store on his way home from work. He used his debit card to purchase 2 salads for $7 each, 3 bottles of soda for $2 each, and a sandwich for $8. The change in the balance of Jason's checking account is represented by the expression shown.

$$2(-7) + 3(-2) + (-8)$$

What integer represents the change in the balance of Jason's checking account?

Enter your answer in the box.

-28

1	2	3
4	5	6
7	8	9
	0	
.	-	

*Keypad for visual purposes only

8 Answer Key (Match Table Grid; 6.3D)

Determine whether each equation is true or false.

Select the correct answer in each row.

Equation	True	False
-2 + -5 = 7	☐	☑
-27 ÷ -3 = 9	☑	☐
-5 – (-7) = 2	☑	☐
-3 · 6 = 18	☐	☑

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printable questions are formatted on half sheets

answer keys provided

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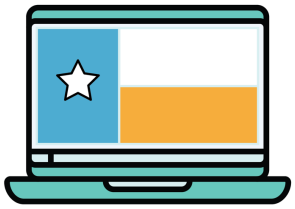
3 training modules help you prepare your students and implement with success

MODULE 1

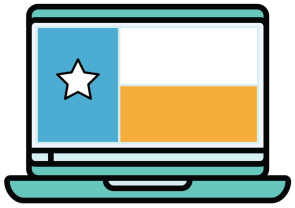
what upcoming changes to the STAAR test I should know about?



A MANEUVERING THE MIDDLE® TRAINING

MODULE 2

what is the purpose of the MTM question bank?



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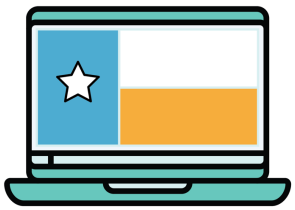
MODULE 3

how should I use the question bank in my classroom?



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MTM STAAR QUESTION BANK

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table of contents include:

- ✓ TEKS standard
- ✓ question type
- ✓ corresponding MTM unit

MTM STAAR Question Bank

TEACHER INSTRUCTIONS

TABLE OF CONTENTS

The following questions are included in the 6th grade question bank. The standard assessed, question type utilized and corresponding Maneuvering the Middle® curriculum unit are noted.

question	standard	question type	mtm unit
1	**6.2D** order a set of rational numbers arising from mathematical and real-world contexts	Drag and Drop	1: Numerical Representations
2	**6.2D** order a set of rational numbers arising from mathematical and real-world contexts	Multiselect	1: Numerical Representations
3	**6.2C*** locate, compare, and order integers and rational numbers using a number line	Hot Spot	1: Numerical Representations
4	**6.3E** multiply and divide positive rational numbers fluently	Equation Editor	2: Positive Rational Numbers
5	**6.3E** multiply and divide positive rational numbers fluently	Inline Choice	2: Positive Rational Numbers
6	**6.3E** multiply and divide positive rational numbers fluently	Drag and Drop	2: Positive Rational Numbers
7	**6.3D** add, subtract, multiply, and divide integers fluently	Equation Editor	3: Integer Operations
8	**6.3D** add, subtract, multiply, and divide integers fluently	Match Table Grid	3: Integer Operations
9	**6.3D** add, subtract, multiply, and divide integers fluently	Multiselect	3: Integer Operations
10	**6.4B** apply qualitative and quantitative reasoning to solve prediction and comparison of real-world problems involving ratios and rates	Inline Choice	4: Ratios and Rates

*This is a supporting standard which was included to highlight a specific question type.

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