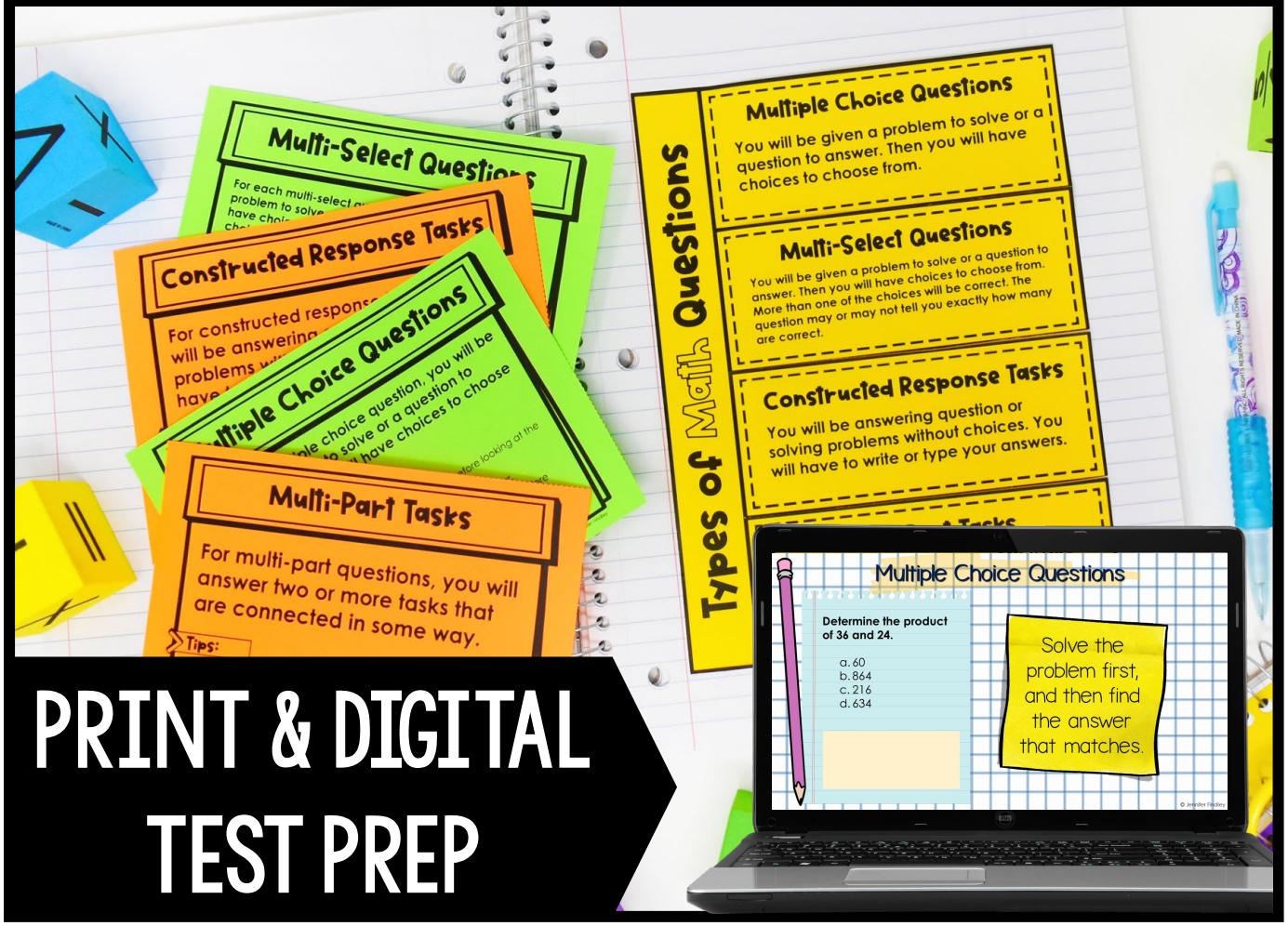
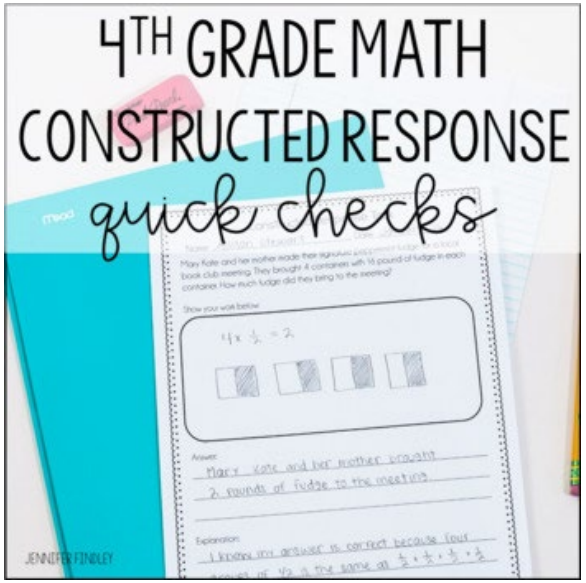
Digital access is on page 4

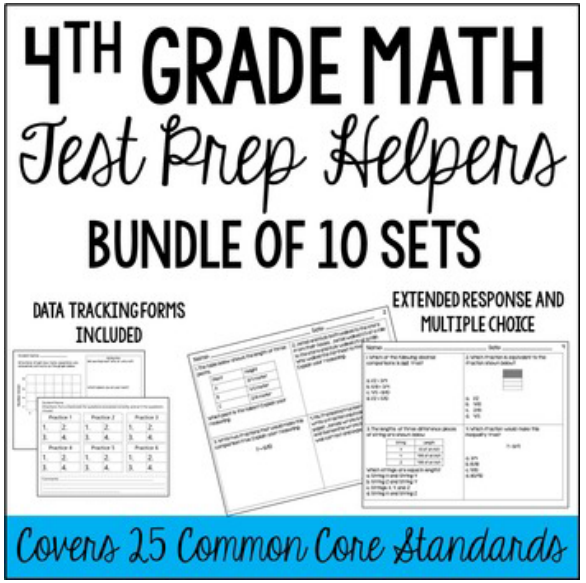
PRACTICING TYPES OF MATH QUESTIONS

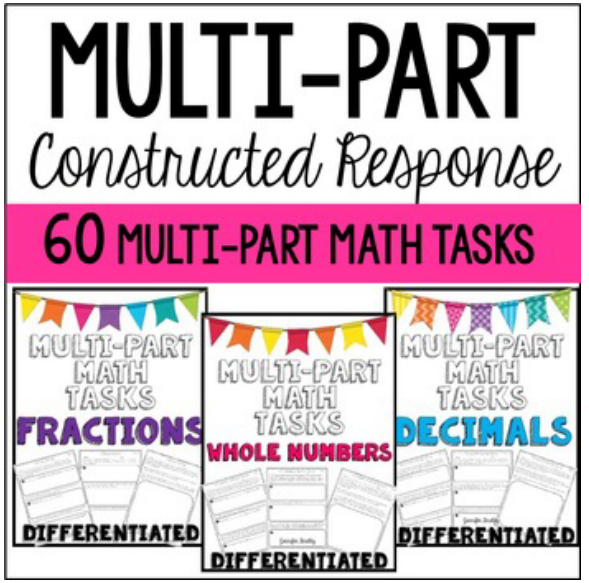


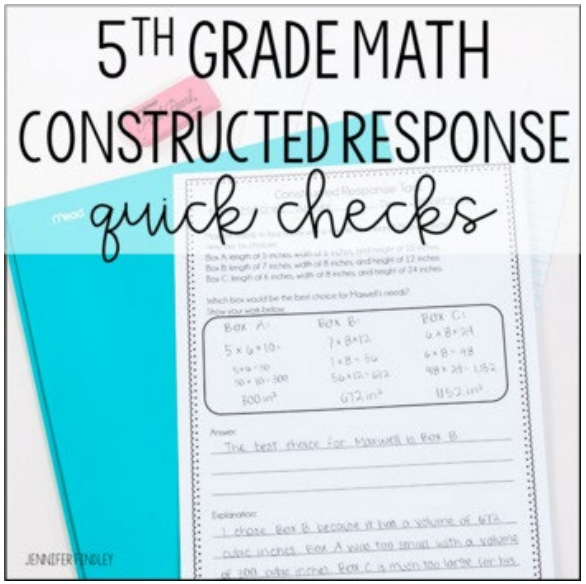
PRINT & DIGITAL TEST PREP

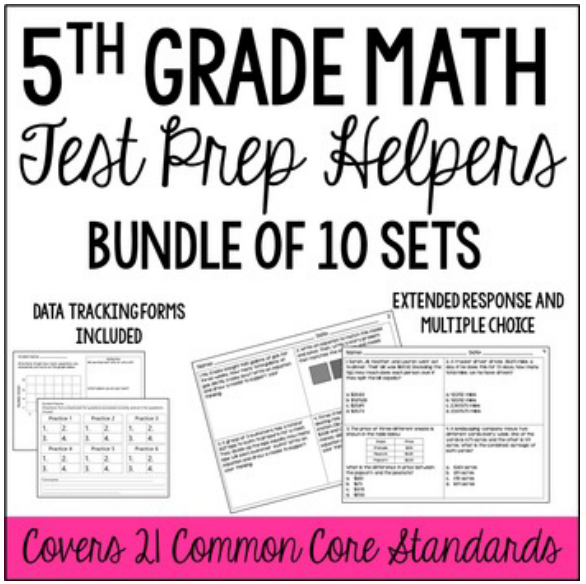
If you need additional math test prep materials, check out the resources below.

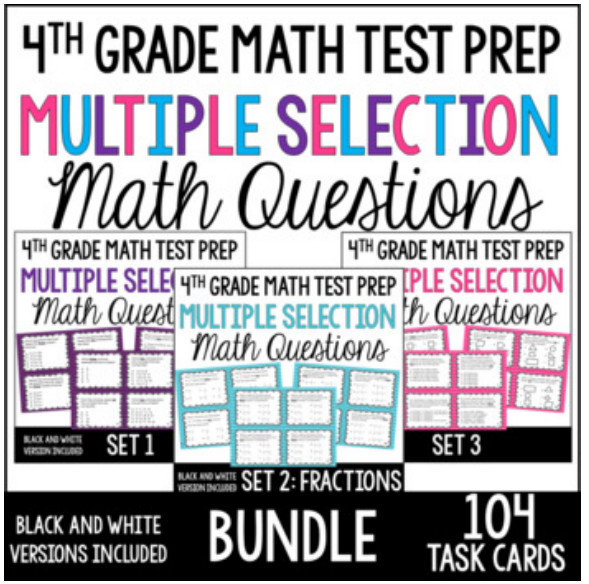




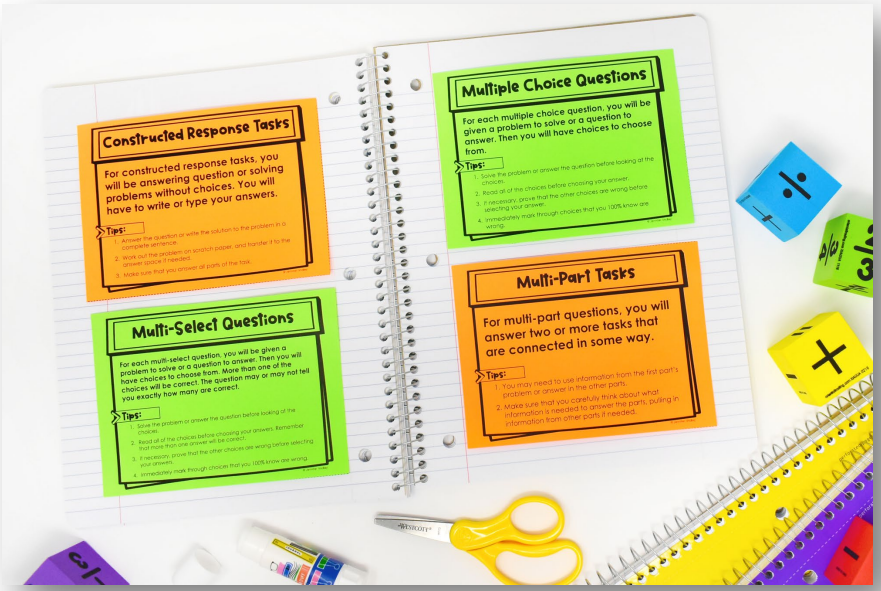








About the Resource



This resource includes a free set of posters, student practice pages, and interactive notebook printables to go over different types of math questions for test prep.

Title	Pages
Digital Access	4
Teaching Posters	5-11
Student Practice Pages	12-27
Interactive Notebook Printables	28-35

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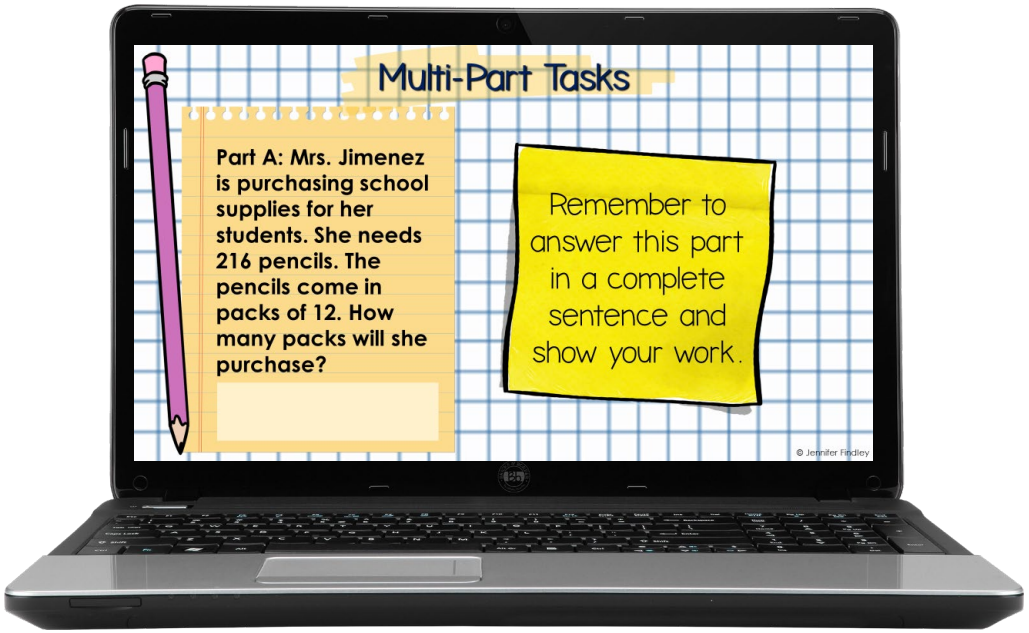
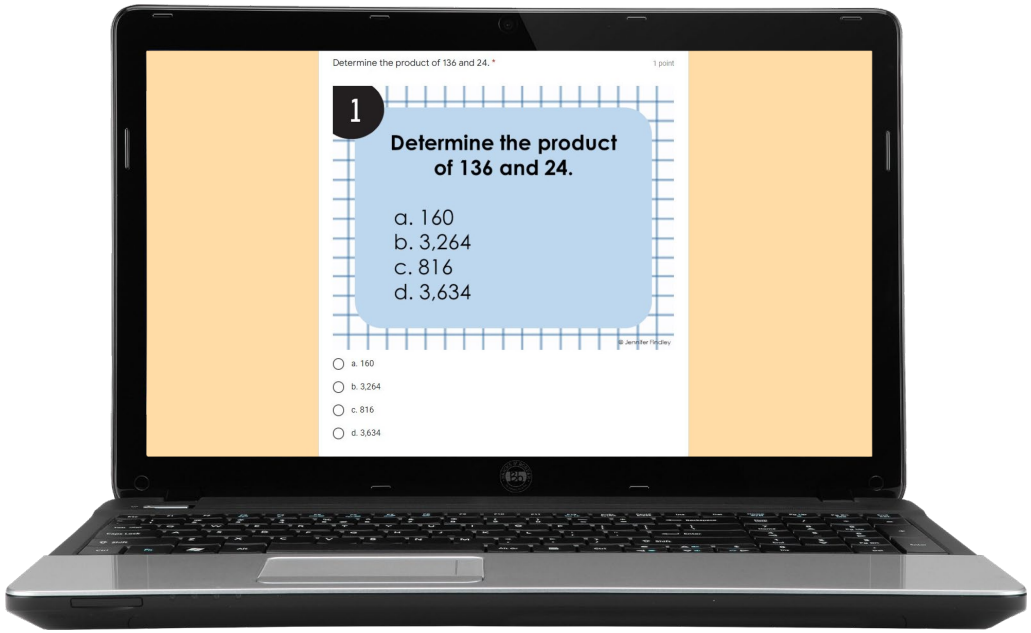
Digital Access





[Click here to make a COPY of the Google Slides file to your drive.]

4th Grade Questions	Click here to make a COPY of the Google Forms file to your drive.
5th Grade Questions	Click here to make a COPY of the Google Forms file to your drive.

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Types of Math Questions

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Multiple Choice Questions

For each multiple choice question, you will be given a problem to solve or a question to answer. Then you will have choices to choose from.

Tips:

1. Solve the problem or answer the question before looking at the choices.
2. Read all of the choices before choosing your answer.
3. If necessary, prove that the other choices are wrong before selecting your answer.
4. Immediately mark through choices that you 100% know are wrong.

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Constructed Response Tasks

For constructed response tasks, you will be answering question or solving problems without choices. You will have to write or type your answers.

Tips:

1. Answer the question or write the solution to the problem in a complete sentence.
2. Work out the problem on scratch paper, and transfer it to the answer space if needed.
3. Make sure that you answer all parts of the task.

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Multi-Part Tasks

For multi-part questions, you will answer two or more tasks that are connected in some way.

Tips:

1. You may need to use information from the first part's problem or answer in the other parts.
2. Make sure that you carefully think about what information is needed to answer the parts, pulling in information from other parts if needed.

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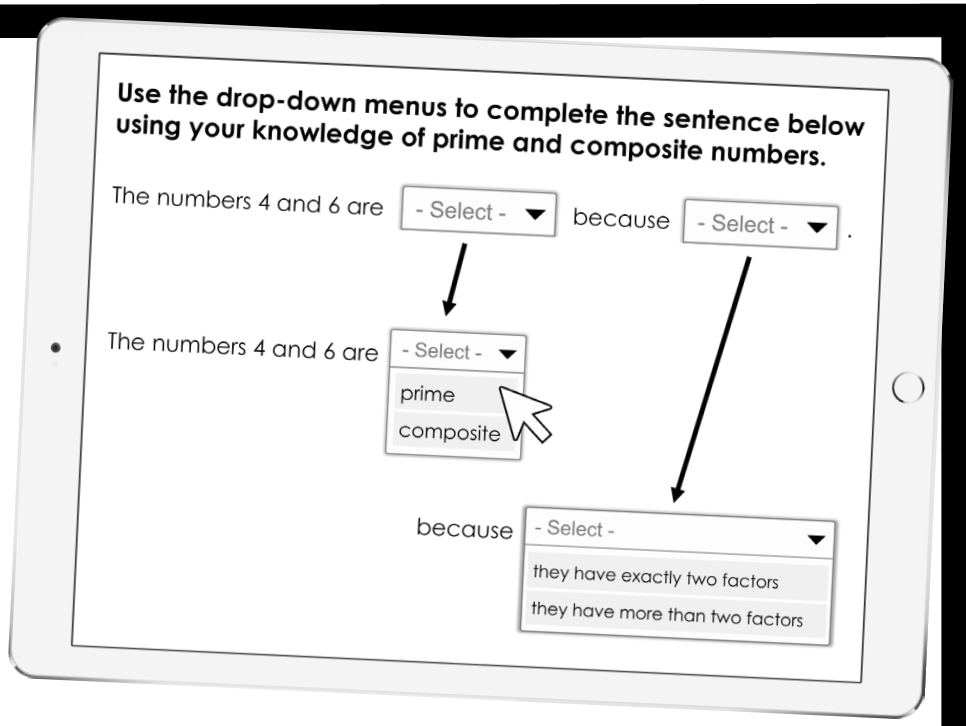
Drop-Down Digital Tasks

For drop-down questions, you will complete sentences or statements by choosing the correct numbers or words from drop-down lists.



Tips:

1. Read the sentence or statement, and think about what might go in the blank before clicking to see the choices.
2. Plug each choice into the sentence/statement to see which one is correct.
3. You may be choosing more than one number or word for a sentence.

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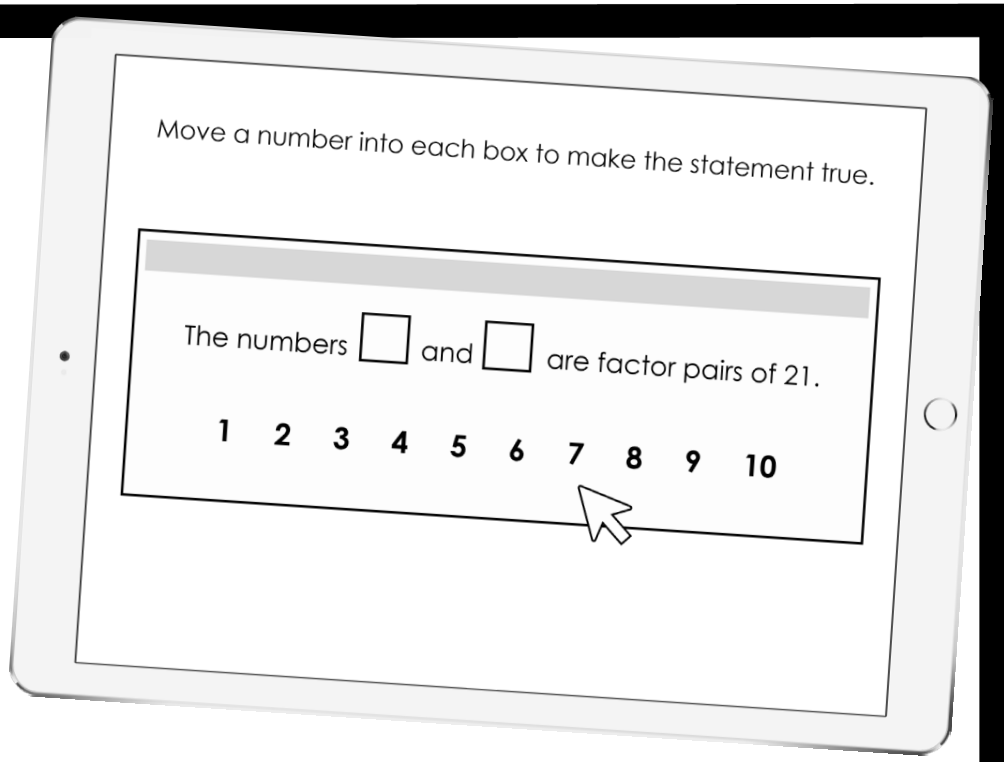
Drag & Drop Digital Tasks

For drag and drop questions, you will be dragging and dropping numbers, words, or phrases to show your answer.



Tips:

1. Read the directions carefully and more than once if needed.
2. When you are done, look back at where you dragged and dropped the items to double check your work.

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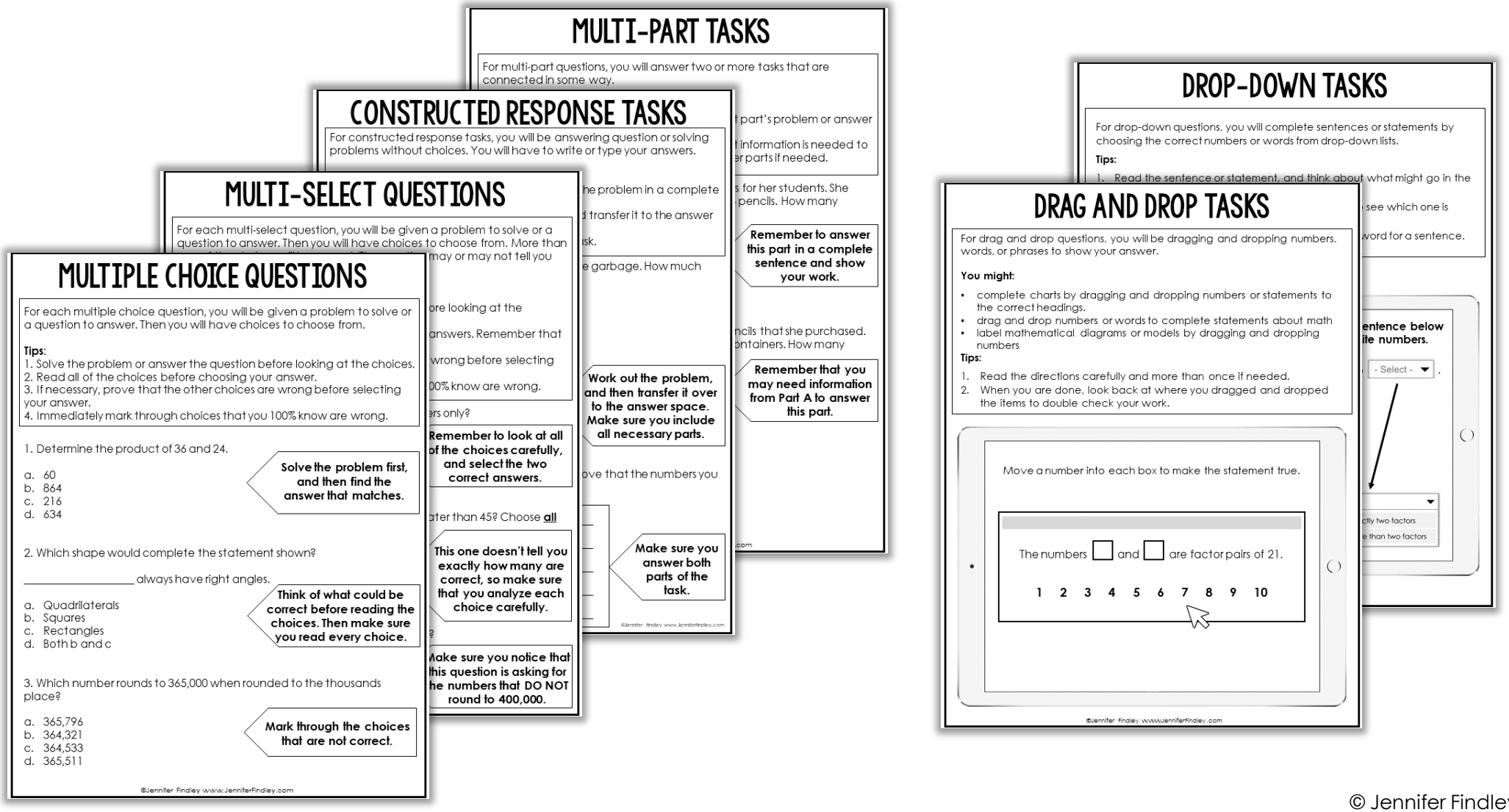
Student Practice Pages

The following printables have descriptions of the types of questions, tips for answering each type of question, and a practice question. There is a page for each type of question. The questions are separated by grade level (4th grade and 5th grade). An answer key is also included.



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4TH GRADE EXAMPLE QUESTIONS

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MULTIPLE CHOICE QUESTIONS

For each multiple choice question, you will be given a problem to solve or a question to answer. Then you will have choices to choose from.

Tips:
1. Solve the problem or answer the question before looking at the choices.
2. Read all of the choices before choosing your answer.
3. If necessary, prove that the other choices are wrong before selecting your answer.
4. Immediately mark through choices that you 100% know are wrong.

1. Determine the product of 36 and 24.

a. 60
b. 864
c. 216
d. 634

Solve the problem first, and then find the answer that matches.

2. Which shape would complete the statement shown?

_____ always have right angles.

a. Quadrilaterals
b. Squares
c. Rectangles
d. Both b and c

Think of what could be correct before reading the choices. Then make sure you read every choice.

3. Which number rounds to 365,000 when rounded to the thousands place?

a. 365,796
b. 364,321
c. 364,533
d. 365,511

Mark through the choices that are not correct.

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MULTI-SELECT QUESTIONS

For each multi-select question, you will be given a problem to solve or a question to answer. Then you will have choices to choose from. More than one of the choices will be correct. The question may or may not tell you exactly how many are correct.

Tips:
1. Solve the problem or answer the question before looking at the choices.
2. Read all of the choices before choosing your answers. Remember that more than one answer will be correct.
3. If necessary, prove that the other choices are wrong before selecting your answers.
4. Immediately mark through choices that you 100% know are wrong.

1. Which two sets of numbers show prime numbers only?

a. 2, 4, 7, 9
b. 2, 3, 5, 7
c. 3, 6, 9, 12
d. 3, 7, 11, 13

Remember to look at all of the choices carefully, and select the two correct answers.

2. Which equations equal products that are greater than 45? Choose **all** of the choices that are correct.

a. 5 x 10 =
b. 4 x 9 =
c. 12 x 6 =
d. 4 x 12 =

This one doesn't tell you exactly how many are correct, so make sure that you analyze each choice carefully.

3. Which three numbers **do not** round to 400,000?

a. 496,001
b. 324,253
c. 357,999
d. 343,962

Make sure you notice that this question is asking for the numbers that DO NOT round to 400,000.

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CONSTRUCTED RESPONSE TASKS

For constructed response tasks, you will be answering question or solving problems without choices. You will have to write or type your answers.

Tips:

1. Answer the question or write the solution to the problem in a complete sentence.
2. Work out the problem on scratch paper, and transfer it to the answer space if needed.
3. Make sure that you answer all parts of the task.

1. Hidalgo earns $15 each week for taking out the garbage. How much money does Hidalgo earn after 8 weeks?

Work out the problem, and then transfer it over to the answer space. Make sure you include all necessary parts.

2. Name three numbers that are multiples of 4. Prove that the numbers you chose are multiples of 4.

Make sure you answer both parts of the task.

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MULTI-PART TASKS

For multi-part questions, you will answer two or more tasks that are connected in some way.

Tips:
1. You may need to use information from the first part's problem or answer in the other parts.
2. Make sure that you carefully think about what information is needed to answer the parts, pulling in information from other parts if needed.

Part A: Mrs. Jimenez is purchasing school supplies for her students. She buys 12 packs of pencils. Each pack contains 24 pencils. How many pencils does she buy in all?

Remember to answer this part in a complete sentence and show your work.

Part B: Mrs. Jimenez opens all of the packs of pencils that she purchased. She then divides them equally into two plastic containers. How many pencils does she put in each container?

Remember that you may need information from Part A to answer this part.

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DRAG AND DROP TASKS

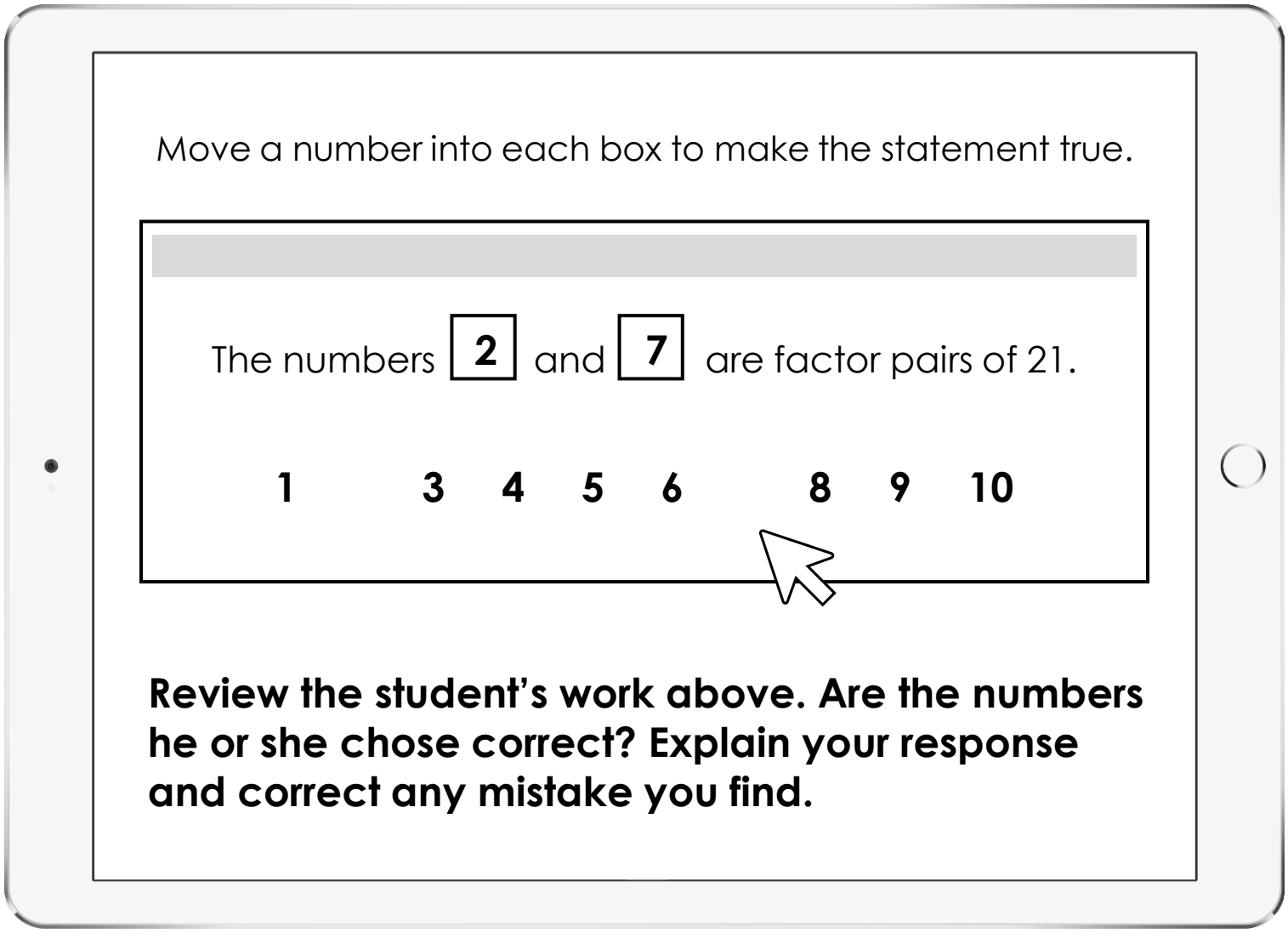
For drag and drop questions, you will be dragging and dropping numbers, words, or phrases to show your answer.

You might:

- complete charts by dragging and dropping numbers or statements to the correct headings.
- drag and drop numbers or words to complete statements about math
- label mathematical diagrams or models by dragging and dropping numbers

Tips:

1. Read the directions carefully and more than once if needed.
2. When you are done, look back at where you dragged and dropped the items to double check your work.



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DROP-DOWN TASKS

For drop-down questions, you will complete sentences or statements by choosing the correct numbers or words from drop-down lists.

Tips:

1. Read the sentence or statement, and think about what might go in the blank before clicking to see the choices.
2. Plug each choice into the sentence/statement to see which one is correct.
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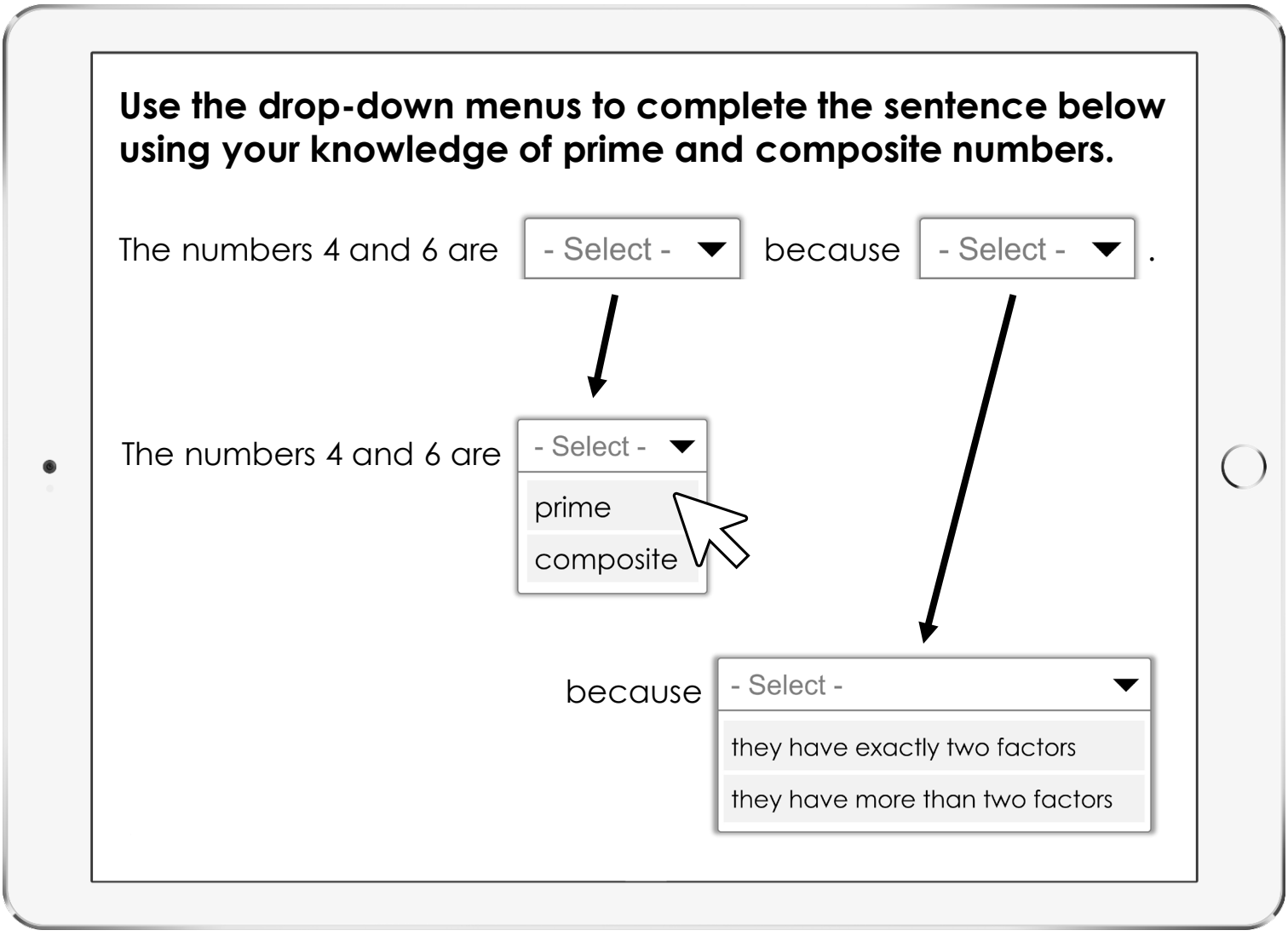

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5TH GRADE EXAMPLE QUESTIONS

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MULTIPLE CHOICE QUESTIONS

For each multiple choice question, you will be given a problem to solve or a question to answer. Then you will have choices to choose from.

Tips:
1. Solve the problem or answer the question before looking at the choices.
2. Read all of the choices before choosing your answer.
3. If necessary, prove that the other choices are wrong before selecting your answer.
4. Immediately mark through choices that you 100% know are wrong.

1. Determine the product of 136 and 24.

a. 160
b. 3,264
c. 816
d. 3,634

Solve the problem first, and then find the answer that matches.

2. Which shape would complete the statement shown?

_____ always have parallel lines.

a. Quadrilaterals
b. Squares
c. Rectangles
d. Both b and c

Think of what could be correct before reading the choices. Then make sure you read every choice.

3. Which number rounds to 3.6 when rounded to the tenths place?

a. 3.69
b. 3.54
c. 3.62
d. 3.71

Mark through the choices that are not correct.

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MULTI-SELECT QUESTIONS

For each multi-select question, you will be given a problem to solve or a question to answer. Then you will have choices to choose from. More than one of the choices will be correct. The question may or may not tell you exactly how many are correct.

Tips:
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2. Read all of the choices before choosing your answers. Remember that more than one answer will be correct.
3. If necessary, prove that the other choices are wrong before selecting your answers.
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1. Which two expressions simplify to 24?

a. 12 x 2 + 4
b. 10 x 2 + 4
c. (6 + 2) x (5 – 2)
d. 6 + 2 x 3

Remember to look at all of the choices carefully, and select the two correct answers.

2. Which equations equal products that are greater than 856? Choose **all** of the choices that are correct.

a. 45 x 21 =
b. 39 x 25 =
c. 52 x 12 =
d. 48 x 19 =

This one doesn't tell you exactly how many are correct, so make sure that you analyze each choice carefully.

3. Which three numbers **do not** round to 4?

a. 4.96
b. 3.2
c. 4.12
d. 4.5

Make sure you notice that this question is asking for the numbers that DO NOT round to 4.

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CONSTRUCTED RESPONSE TASKS

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Tips:

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2. Work out the problem on scratch paper, and transfer it to the answer space if needed.
3. Make sure that you answer all parts of the task.

1. Phillip's mother purchased three packs of hamburger meat. Each pack weighed 2.5 pounds. Determine the combined weight of the three packs of meat. Include the equation you used in your answer.

Work out the problem, and then transfer it over to the answer space. Make sure you include all necessary parts.

2. Name three shapes that are considered quadrilaterals. Prove that these shapes are quadrilaterals.

Make sure you answer both parts of the task.

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MULTI-PART TASKS

For multi-part questions, you will answer two or more tasks that are connected in some way.

Tips:
1. You may need to use information from the first part's problem or answer in the other parts.
2. Make sure that you carefully think about what information is needed to answer the parts, pulling in information from other parts if needed.

Part A: Mrs. Jimenez is purchasing school supplies for her students. She needs 216 pencils. The pencils come in packs of 12. How many packs will she purchase?

Remember to answer this part in a complete sentence and show your work.

Part B: The packs of pencils that Mrs. Jimenez plans to purchase are $2.50 each. How much money will she spend in all?

Remember that you may need information from Part A to answer this part.

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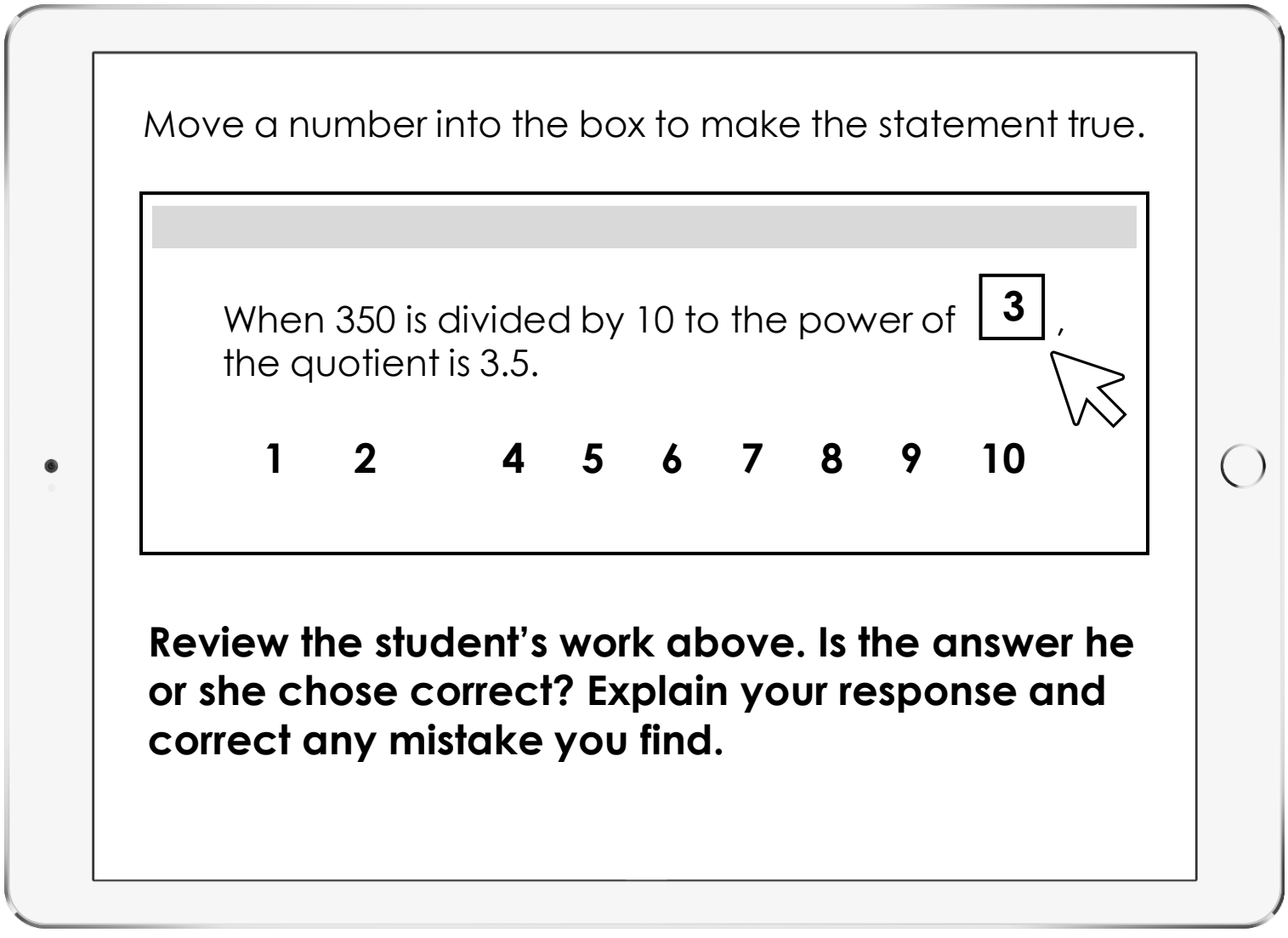

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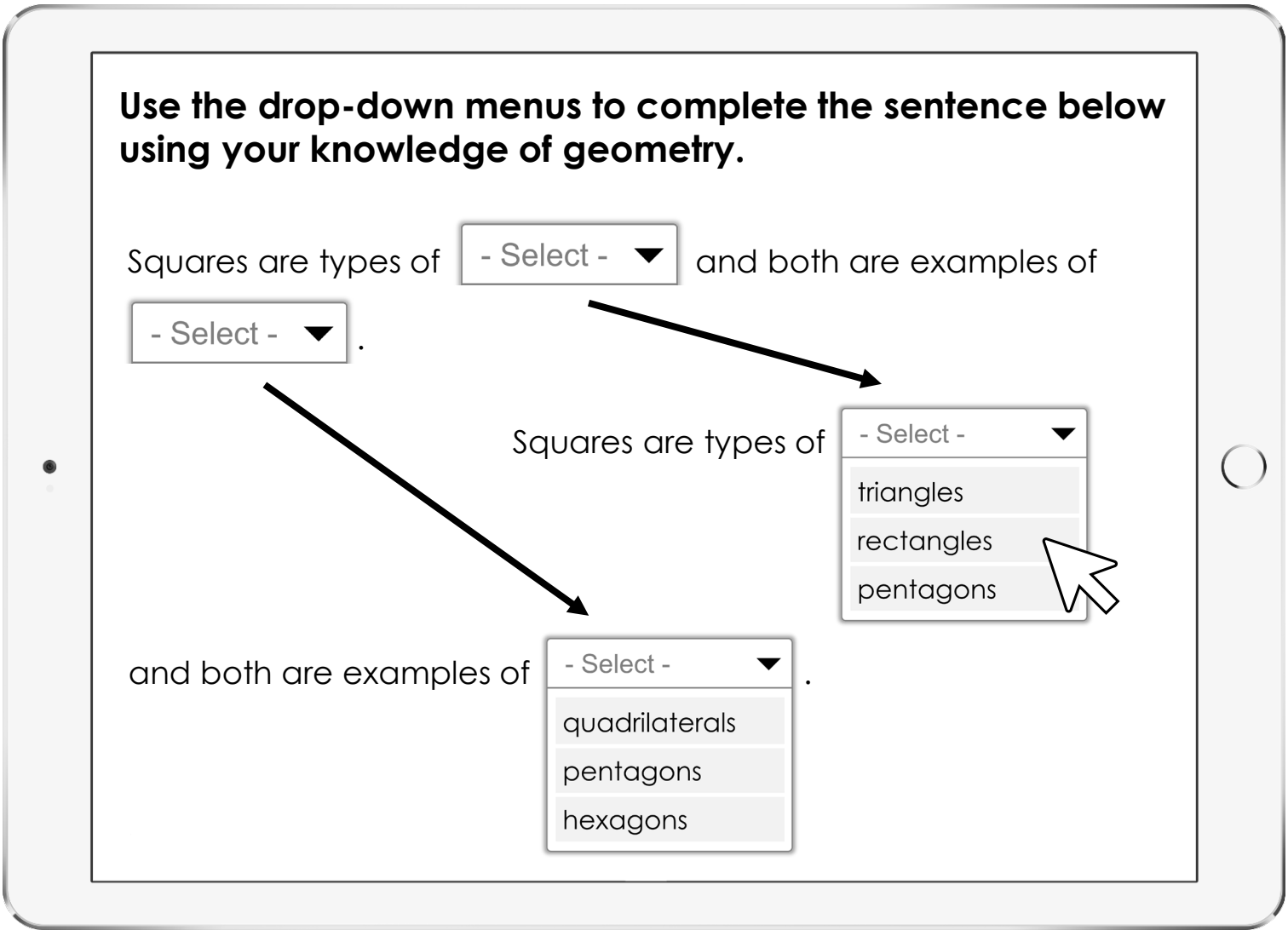

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ANSWER KEY

Type of Question	4th Grade Answers	5th Grade Answers
Multiple Choice Questions	1. B 2. D 3. C	1. B 2. D 3. C
Multi-Select Questions	1. B and D 2. A, C, and D 3. A, B, and D	1. B and C 2. A, B, and D 3. A, B, and D
Constructed Response Tasks	1. Hidalgo earns $120 after 8 weeks of taking out the garbage. 2. Answers will vary. Examples: 8, 12, 16	1. The combined weight of the packs of meat is 7.5 pounds. 2. Answers will vary. Examples: square, rectangle, trapezoid
Multi-Part Tasks	Part A: Mrs. Jimenez buys 288 pencils. Part B: Mrs. Jimenez puts 144 pencils in each container.	Part A: Mrs. Jimenez will purchase 18 packs of pencils. Part B: Mrs. Jimenez will spend $45 for the pencils.
Drag and Drop Digital Tasks	The student is incorrect; the correct answers are 3 and 7.	The student is incorrect; the correct answer is 2.
Drop-Down Digital Tasks	composite; they have more than two factors	rectangles; quadrilaterals

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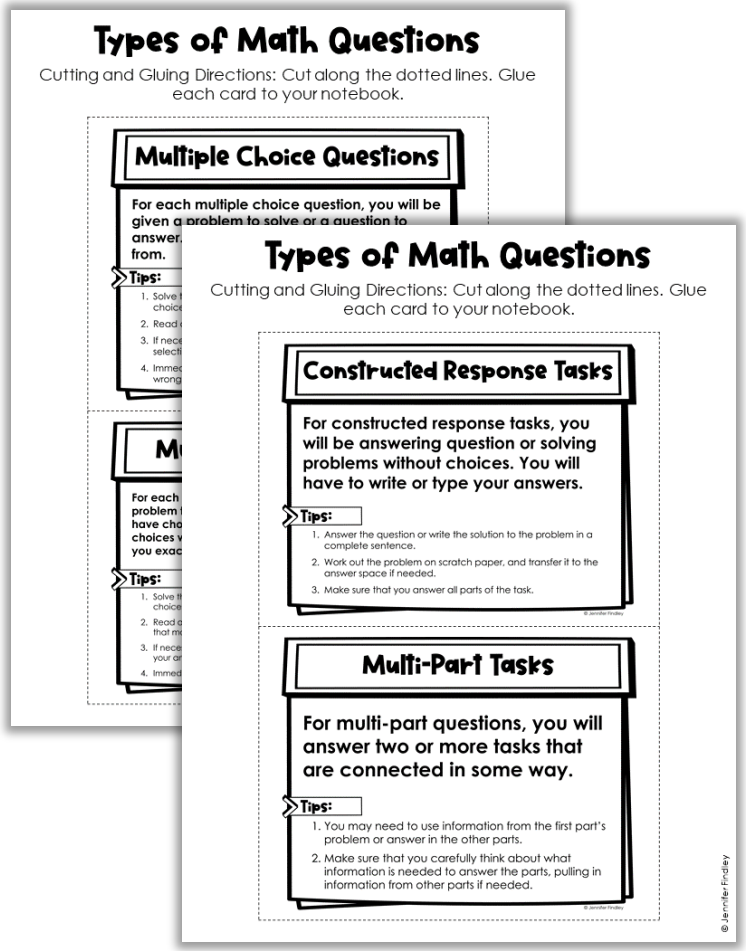
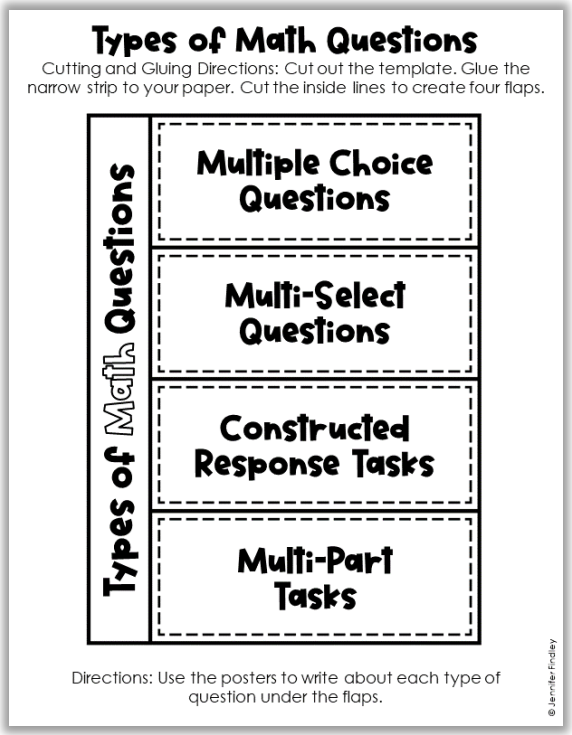
Interactive Notebook Printables

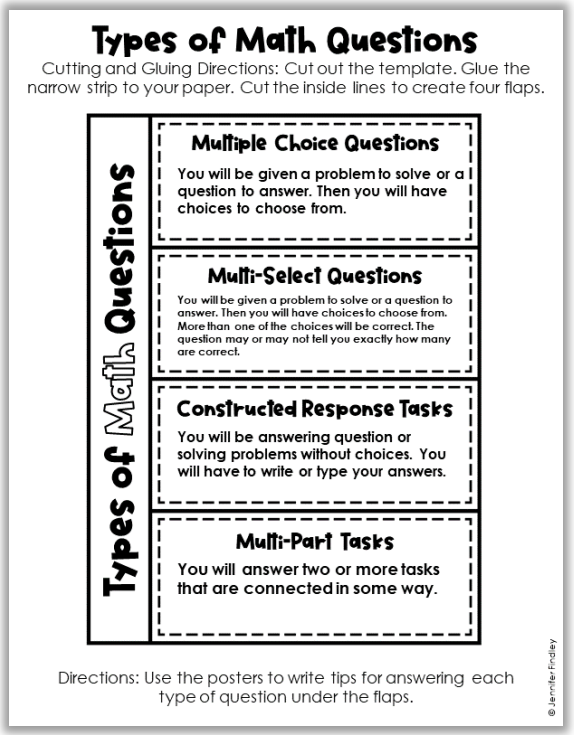
The following slides have interactive notebook templates for your students that match the posters.



Miniature versions of the posters



Types of Reading Questions (for creating tabs and writing definitions and tips underneath)



Types of Reading Questions with definitions (for creating tabs and writing tips underneath)

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Types of Math Questions

Cutting and Gluing Directions: Cut along the dotted lines. Glue each card to your notebook.

Multiple Choice Questions

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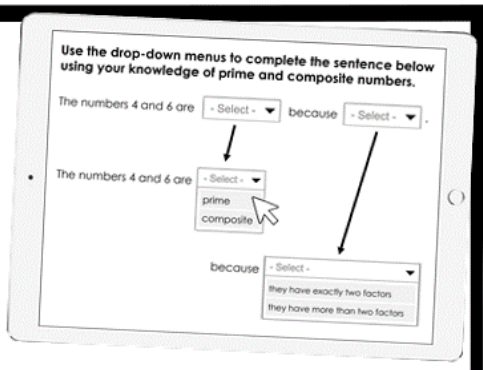

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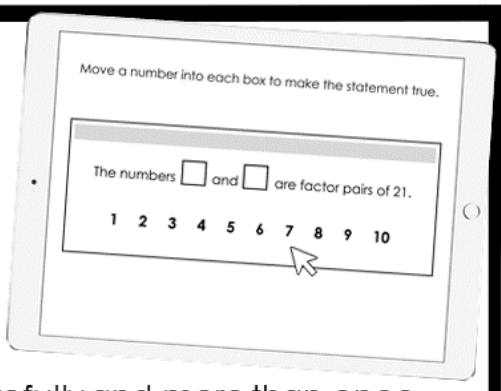

Tips:

1. Read the directions carefully and more than once if needed.
2. When you are done, look back at where you dragged and dropped the items to double check your work.

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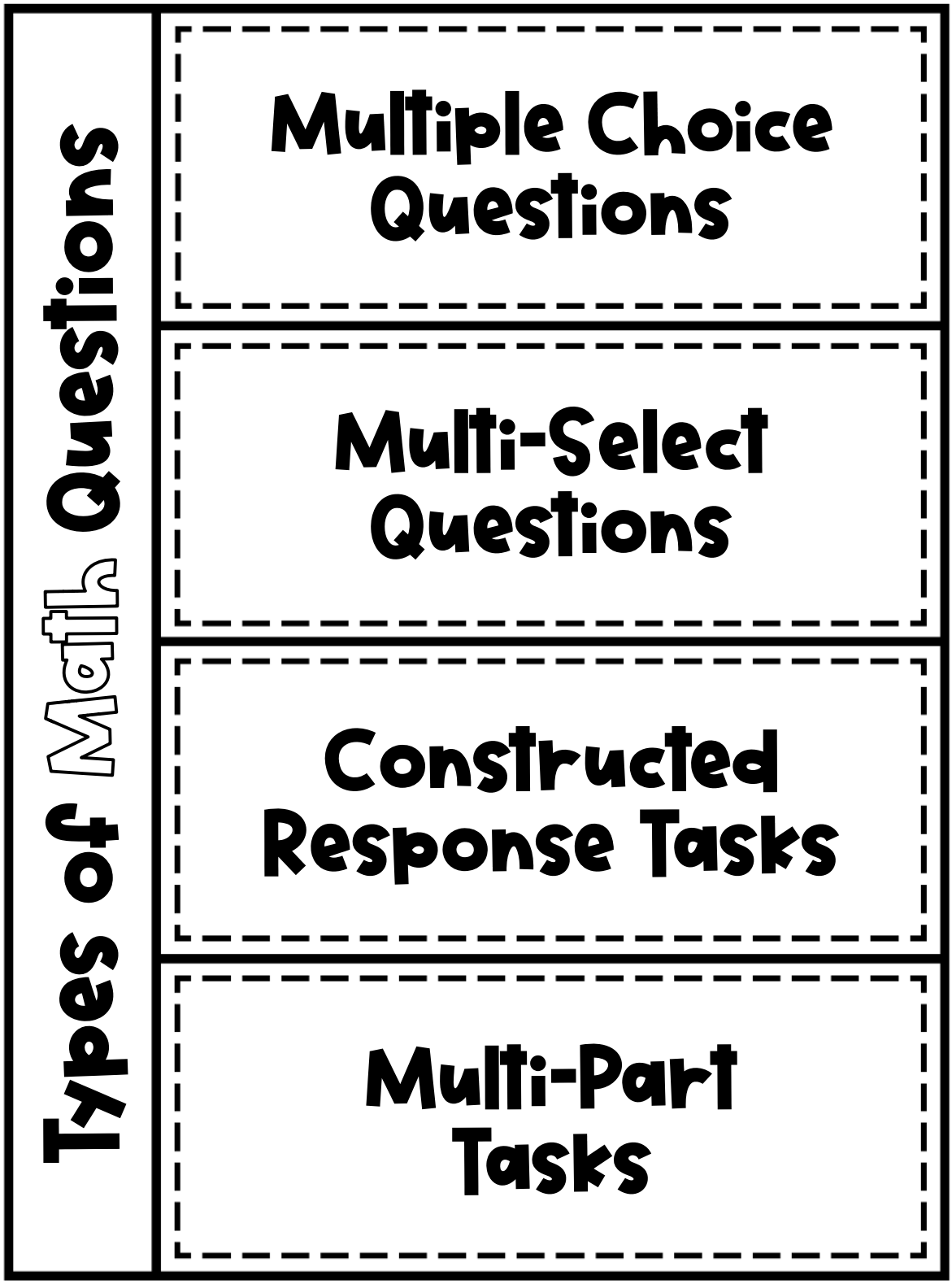
Types of Math Questions

Cutting and Gluing Directions: Cut out the template. Glue the narrow strip to your paper. Cut the inside lines to create four flaps.



Directions: Use the posters to write about each type of question under the flaps.

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Types of Reading Questions

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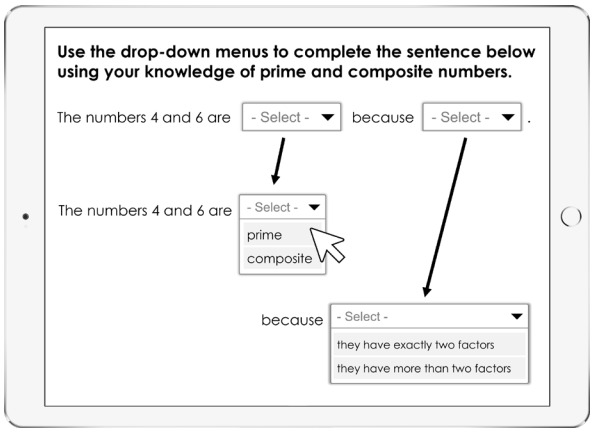
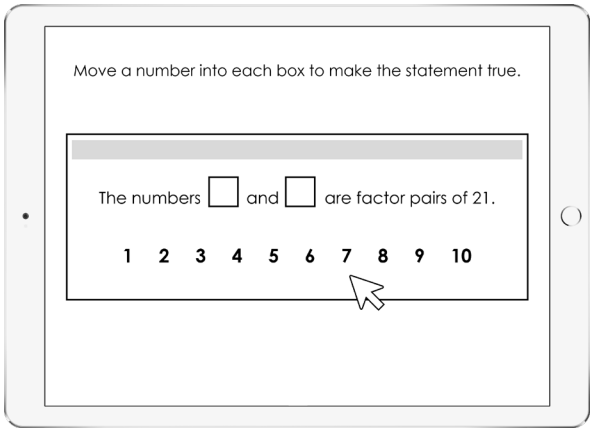
Types of Math Questions

Digital Drop-Down Tasks



Digital Drag & Drop Tasks



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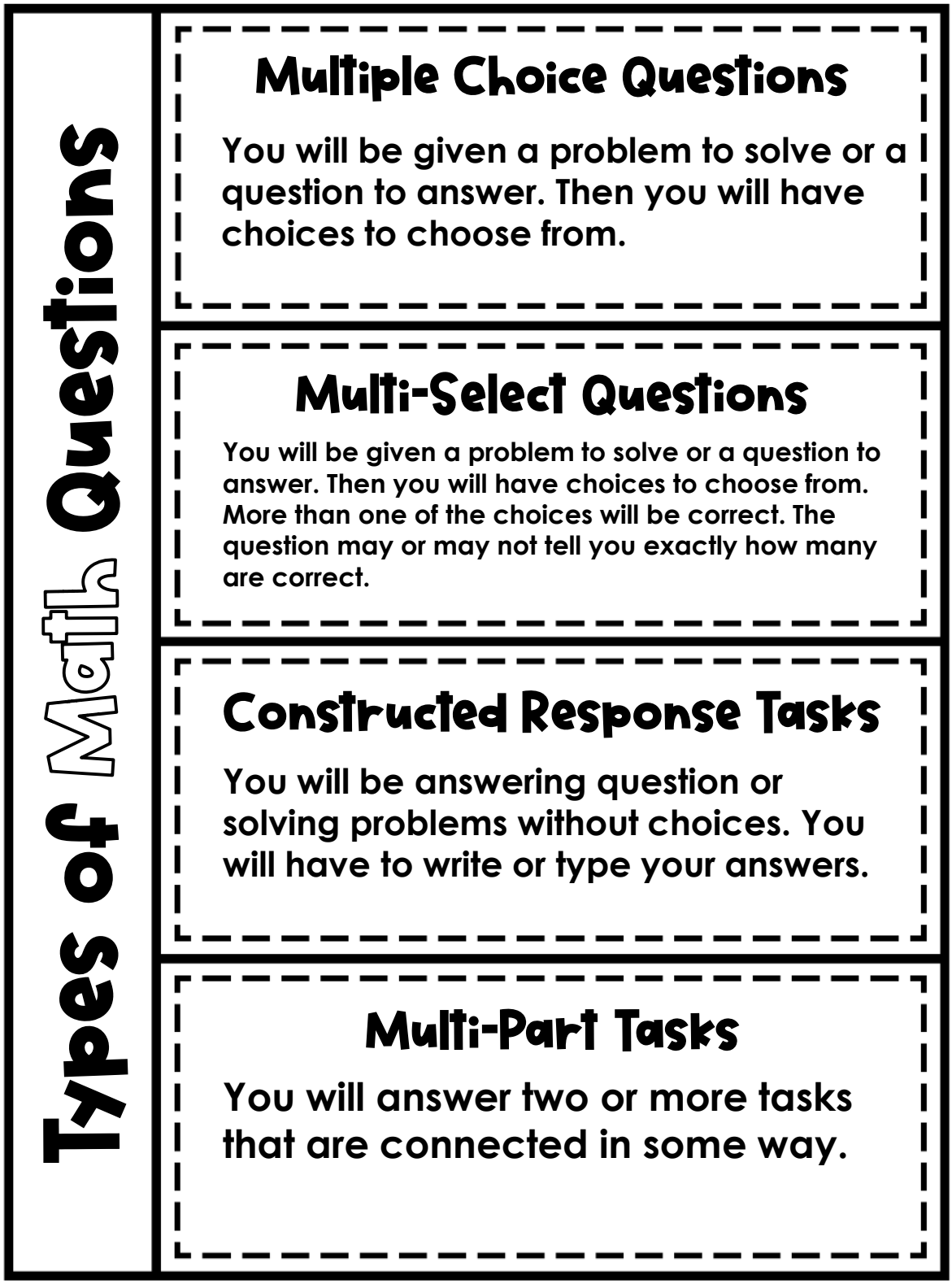

Directions: Use the posters to write tips for answering each type of question under the flaps.

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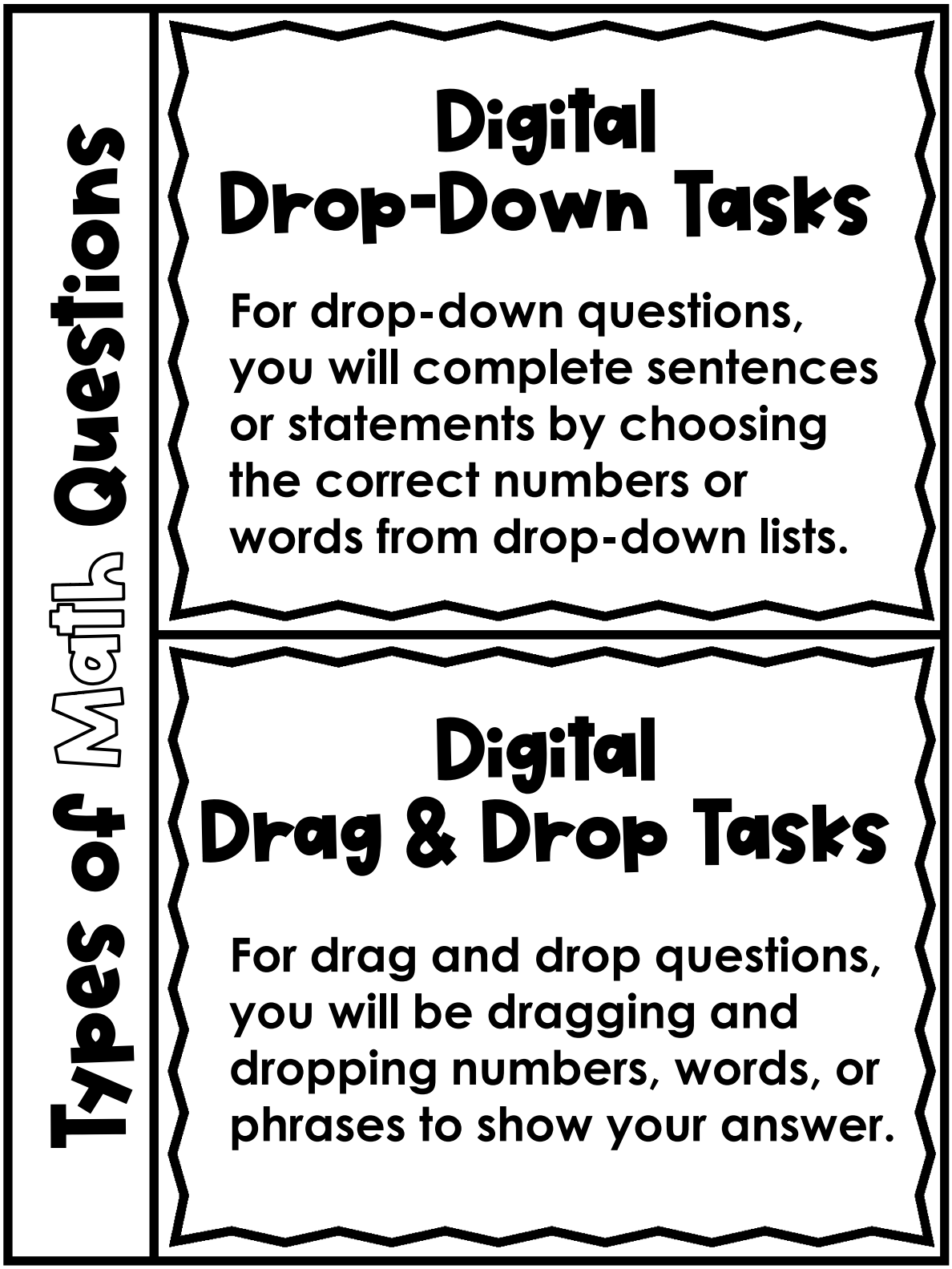

Directions: Use the posters to write about each type of question under the flaps.

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