

STAAR Review

4th GRADE BUNDLE

#5 [TEKS 4.4C]

10 points

Which model represents 42×23 ?



A

$40 \times 40 = 1,600$	$20 \times 20 = 400$
$2 \times 2 = 4$	$3 \times 3 = 9$

B

$40 \times 20 = 800$	$20 \times 2 = 40$
$40 \times 3 = 120$	$2 \times 3 = 6$

C

$40 \times 20 = 800$	$20 \times 20 = 400$
$40 \times 40 = 1,600$	$2 \times 3 = 6$

D

$20 \times 20 = 400$	$20 \times 2 = 40$
$40 \times 2 = 80$	$3 \times 3 = 9$

- ☐ A
☐ B
☐ C
☐ D

#6 [TEKS 4.4C]

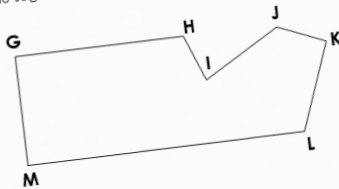
Print & Digital Tests

New STAAR item types

Each test in Printable PDF & Self-Grading Google Form

GEOMETRY TEST #1

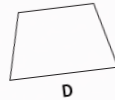
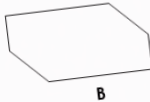
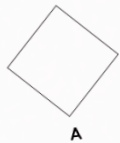
6. Which two line segments appear to be parallel?



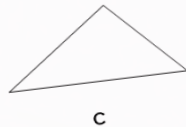
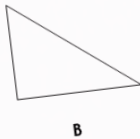
Line Segments and appear to be parallel.

Answer Choices:

7. Which figure appears to have exactly 2 lines of symmetry?



8. Which triangle appears to be an acute triangle?



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Which figure appears to have exactly 2 lines of symmetry?



☐ A
☐ B
☐ C
☐ D

#8 [TEKS 4.6C]

Which triangle appears to be an acute triangle?



☐ A
☐ B
☐ C

New STAAR Question types

Tests include drop-down, multi-select and free response questions in addition to multiple choice.

Look at Abigail's expenses for the last three months.

May Expenses	
Mortgage	\$1,540.90
Cell Phone Bill	\$105.25
Entertainment	\$183.58
Gas	\$74.80
Groceries	\$198.47
Car Payment	\$345.00

June Expenses	
Mortgage	\$1,540.90
Cell Phone Bill	\$105.25
Entertainment	\$36.25
Gas	\$92.08
Groceries	\$227.95
Car Payment	\$345.00

July Expenses	
Mortgage	\$1,540.90
Cell Phone Bill	\$105.25
Entertainment	\$104.70
Gas	\$85.03
Groceries	\$185.36
Car Payment	\$345.00

Select all Abigail's fixed expenses.



- ☒ Mortgage
- ☒ Cell Phone Bill
- ☐ Entertainment
- ☐ Gas
- ☐ Groceries
- ☒ Car Payment



#7 [TEKS 4.10E]

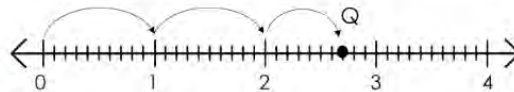
10 points

Which correctly describes the purpose of financial institutions, such as banks and credit unions?



Google Forms Version is **AUTO-GRADING** to Save You Time

What is the distance of point Q from zero
on the number line below?



A. $\frac{7}{2}$

B. $2\frac{7}{10}$

C. $\frac{2}{7}$

D. $2\frac{7}{3}$

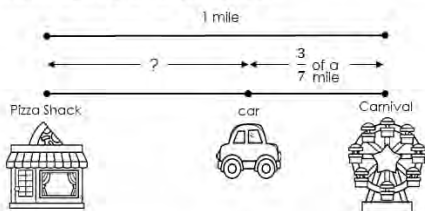


- ☐ A
- ☐ B
- ☐ C
- ☐ D

EVERY TEST has 10 Questions

FRACTIONS TEST #2

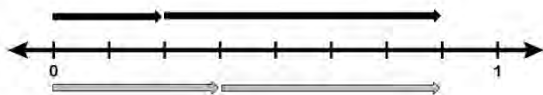
6. A car is driving from the Pizza Shack to the carnival. It drives in a straight line along a road. The carnival is 1 mile from the Pizza Shack. The model below shows the car's current location. How far from the Pizza Shack is the car?



7. Which expression is equivalent to $\frac{6}{4}$?

A. $\frac{1}{4} + \frac{1}{6}$ B. $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$ C. $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$ D. $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$

8. These two sets of arrows represent the same fraction, $\frac{7}{8}$.



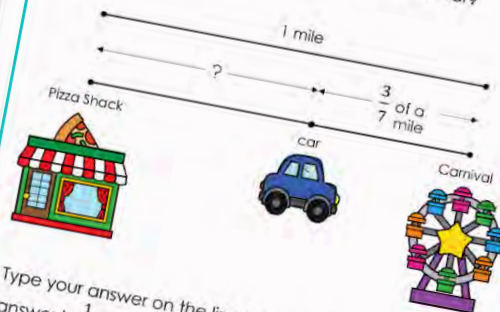
Which equation shows that the two sets of arrows end at the same place on the number line.

A. $\frac{2}{6} + \frac{5}{6} = \frac{4}{6} + \frac{3}{6}$ B. $\frac{2}{2} + \frac{5}{5} = \frac{4}{4} + \frac{3}{3}$ C. $\frac{2}{8} + \frac{4}{8} = \frac{3}{8} + \frac{3}{8}$ D. $\frac{2}{8} + \frac{5}{8} = \frac{3}{8}$

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#6 [TEKS 4.3E]

A car is driving from the Pizza Shack to the carnival. It drives in a straight line along a road. The carnival is 1 mile from the Pizza Shack. The model below shows the car's current location. How far from the Pizza Shack is the car?



Type your answer on the line below. For example, if your answer is $\frac{1}{2}$, type 1/2. Do not use any words.

Your answer

#7 [TEKS 4.3A]

10 points

Includes a Data Tracker for easy record keeping and data analysis

PLACE VALUE Test

PLAN YOUR RETEACH GROUPS

TEKS 4.2B #1-2 Expanded Notation (Readiness Standard)	TEKS 4.2C #3 Compare Whole Numbers (Supporting Standards)	TEKS 4.2D #4 Round Whole Numbers (Supporting Standard)	TEKS 4.2A #5 $\times 10$ and one-tenth relationships (Supporting Standard)
	Alex Jayla	Evelyn Caleb Sam	
TEKS 4.2G #6-7 Relate Decimals to Fractions (Readiness Standard)	TEKS 4.2E #8 Represent Decimals (Supporting Standard)	TEKS 4.2F #9 Compare Decimals using Models (Supporting Standard)	TEKS 4.2H #10, bonus Decimals on a Number Line (Supporting Standard)
			Grace Ben Elijah

#1 KEY

1	C
2	D
3	A
4	C
5	B
6	0.4
7	D
8	A
9	ACD
10	D
bonus	C

Every Question is **TEKS ALIGNED**

#3 [TEKS 4.4H]

10 points

Matthew had 148 golf balls. He packed them into boxes, with 8 golf balls in each box. He filled boxes until there were not enough golf balls to completely fill another box. How many golf balls did he have that were not in boxes?



- ☐ 4
- ☐ 18
- ☐ 2
- ☐ 19

MacBook Pro

Print & Digital Versions of Every Test

MULTIPLICATION & DIVISION TEST #1

4. A store sells markers in packages of 100. Which table shows the correct relationship between the number of packages and the number of markers?

A.

NUMBER OF PACKAGES	NUMBER OF MARKERS
22	220
83	830
90	900
905	9,050

B.

NUMBER OF PACKAGES	NUMBER OF MARKERS
22	2,020
83	8,030
90	9,000
905	9,0500

C.

NUMBER OF PACKAGES	NUMBER OF MARKERS
22	2,002
83	8,030
90	9,000
905	90,050

D.

NUMBER OF PACKAGES	NUMBER OF MARKERS
22	2,200
83	8,300
90	9,000
905	90,500

5. Which model represents 42×23 ?

A.

$40 \times 40 = 1,600$	$20 \times 20 = 400$
$2 \times 2 = 4$	$3 \times 3 = 9$

B.

$40 \times 20 = 800$	$20 \times 2 = 40$
$40 \times 3 = 120$	$2 \times 3 = 6$

C.

$40 \times 20 = 800$	$20 \times 20 = 400$
$40 \times 40 = 160$	$2 \times 3 = 6$

D.

$20 \times 20 = 400$	$20 \times 2 = 40$
$40 \times 2 = 80$	$3 \times 3 = 9$

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#4 [TEKS 4.4B] 10 points

A store sells markers in packages of 100. Which table shows the correct relationship between the number of packages and the number of markers?

A.

NUMBER OF PACKAGES	NUMBER OF MARKERS
22	220
83	830
90	900
905	9,050

B.

NUMBER OF PACKAGES	NUMBER OF MARKERS
22	2,020
83	8,030
90	9,000
905	9,0500

C.

NUMBER OF PACKAGES	NUMBER OF MARKERS
22	2,002
83	8,030
90	9,000
905	90,050

D.

NUMBER OF PACKAGES	NUMBER OF MARKERS
22	2,200
83	8,300
90	9,000
905	90,500

☐ A
☐ B
☐ C
☐ D

2 Tests per Topic to Measure Student Growth

[illegible]

PLACE VALUE Test			
PLANNING YOUR RETEACH GROUPS	#2 KEY		
TEKS 4.2B #1-2 Expanded Notation (Readiness Standard)	TEKS 4.2C #3 Compare Whole Numbers (Supporting Standards)	TEKS 4.2D #4 Round Whole Numbers (Supporting Standard)	TEKS 4.2A #5 $\times 10$ and one-tenth relationships (Supporting Standard)

4TH

GRADE

PLACE VALUE TEST #1

4th Grade Place Value Test #1

TEKS

4.2A Represent ten times and one-tenth place value relationships.
4.2B Represent numbers using expanded notation and numerals
4.2C Compare and order whole numbers up to 1,000,000,000
4.2D Round whole numbers through the hundred thousands place
4.2E Represent decimals in tenths and hundredths using concrete and visual models and money
4.2F Compare and order decimals to the hundredths place using models
4.2G Relate decimals to fractions that name tenths and hundredths
4.2H Identify decimals on a Number Line

Name _____

SHOW ANSWER TEXT

#1 [TEKS 4.2B]

Emma has saved thirty-four thousand, twenty-seven dollars for college. What is the value of the digit 2 in this number?

4TH PLACE VALUE TEST #2

GRADE

MARVEL IN A MINUTE



4th Grade Place Value Test #2

TEKS

- 4.2A Represent ten times and one-tenth place value relationships
- 4.2B Represent numbers using expanded notation and numerals
- 4.2C Compare and order whole numbers up to 1,000,000,000
- 4.2D Round whole numbers through the hundred thousands place
- 4.2E Represent decimals in tenths and hundredths using concrete and visual models and money
- 4.2F Compare and order decimals to the hundredths place using models
- 4.2G Relate decimals to fractions that name tenths and hundredths
- 4.2H Identify decimals on a Number Line

Name _____

Short answer test _____

#1 [TEKS 4.2B]

Kirk's class has read a total of 47,953 pages this year. What is the value of the 7 in this number?

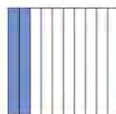


Place Value

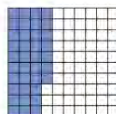
#9 [TEKS 4.2F]

10 points

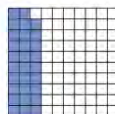
The decimal models represent the batting averages of 4 baseball players. Select all the comparisons of the players' batting averages that are true.



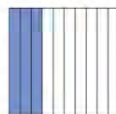
Alex



Sam



Felix



David



- ☒ Alex < David
- ☐ David < Felix
- ☒ Felix > Alex
- ☒ David < Sam
- ☐ Sam < Felix

#10 [TEKS 4.2H]

10 points

What decimal names the place where the arrow is on the number line below?



Addition & Subtraction



Name: _____

ADDITION & SUBTRACTION ASSESSMENT #1



Once you have completed your entire test, record your answers here.

1.

2.

3.

4.

5.

6.

7.

8.

9.

1st box:

2nd box:

3rd box:

10.

1. The Gonzalez family is driving from San Antonio, Texas to Anchorage, Alaska. They will drive a total of 4,113 miles. So far, they have driven 854 miles. How many miles do they still need to drive?

- A. 4,967 miles
- B. 3,259 miles
- C. 4,741 miles
- D. 3,883 miles

2. The city of Houston purchased 3,000 trees to plant around the city. The number of trees planted each day is shown.

- Monday: 707 trees
- Tuesday: 893 trees
- Wednesday: 989 trees

How many trees still need to be planted?

- A. 2,589 trees
- B. 511 trees
- C. 1,589 trees
- D. 411 trees

3. The lengths of two hiking trails are listed below.

- Scenic Ridge: 12 km
- Canyon Overlook: 3.8 km

Select all the true statements below.

- A. The difference between the lengths of the trails is 15.8 km.
- B. The sum of the lengths of the trails is 2.6 km.
- C. The difference between the lengths of the trails is 8.2 km.
- D. The sum of the lengths of the trails is 15.8 km.
- E. The difference between the lengths of the trails is 9.8 km.

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#2 [TEKS 4.4A Whole Numbers]

The city of Houston purchased 3,000 trees to plant around the city. The number of trees planted each day is shown.

- Monday: 707 trees
- Tuesday: 893 trees
- Wednesday: 989 trees

How many trees still need to be planted?



- ☐ 2,589 trees
- ☐ 511 trees
- ☐ 1,589 trees
- ☒ 411 trees

Clear selection

#3 [TEKS 4.4A Decimals]

The lengths of two hiking trails are listed below.

- Scenic Ridge: 12 km
- Canyon Overlook: 3.8 km

Select all the true statements below.



Multiplication & Division

There are 603 muffins that will be packed into boxes. Each box will contain 9 muffins. How many boxes of muffins will be filled?



Type a number in the space below. Do not use any words in your answer.

Your answer _____

#10 [TEKS 4.4F]

10 points

Mrs. Miller has 450 cups to use for STEM kits. Each STEM kit will have the same number of cups. Select all the following statements that are true.



- ☒ If Mrs. Miller divides the cups into 5 kits, she can put exactly 90 cups in each kit.
- ☒ If Mrs. Miller divides the cups into 6 kits, she can put exactly 75 cups in each kit.
- ☐ If Mrs. Miller divides the cups into 7 kits, she can put exactly 70 cups in each kit.
- ☐ If Mrs. Miller divides the cups into 8 kits, she can put exactly 65 cups in each kit.
- ☒ If Mrs. Miller divides the cups into 9 kits, she can put exactly 50 cups in each kit.

Fractions

#5 [TEKS 4.3E]

Alex and Brody are painting 2 fences. The part of fence each boy has painted is shown in the model below.

Alex



Brody



Complete the following statement to show the total amount of sandwich left at the end of the party.

$$\frac{3}{6} + \frac{5}{6} =$$



which is also equal to



Choose the number that belongs in the yellow box.

5 points

A

$$\frac{4}{6}$$

B

$$\frac{8}{12}$$

C

$$\frac{8}{6}$$

Choose

A

B

C

belongs in the blue box.

5 points

E

$$1\frac{4}{8}$$

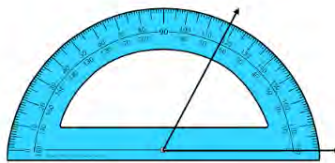
F

$$\frac{14}{12}$$

Choose

Geometry

What is the measure of angle F on the protractor below?



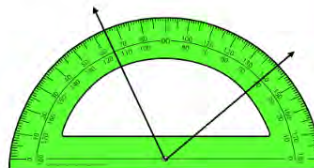
- ☒ 73°
- ☐ 107°
- ☐ 113°
- ☐ 87°

Clear selection

#2 [TEKS 4.7C]

10 points

Karly drew angle M below. What is the measure of the angle she drew?



- ☐ 45°
- ☐ 135°

Measurement

Jin's book is 8 inches long and 6 inches wide. Rick's book is 12 inches long and 9 inches wide. What is the difference between the perimeters of their books?



- ☐ 7 inches, because $21 - 14 = 7$
- ☒ 14 inches, because $42 - 28 = 14$
- ☐ 60 inches, because $108 - 48 = 60$
- ☐ 5 inches, because $20 - 15 = 5$

Clear selection

Data Analysis

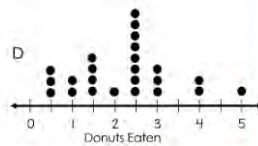
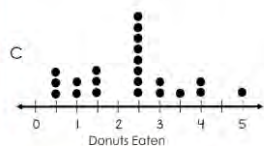
#2 [TEKS 4.9A]

10 points

Which dot plot represents the data in the table?



Donuts Eaten	0	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5
Tally											



- ☐ A
- ☐ B
- ☐ C
- ☒ D

Clear selection

#3 [TEKS 4.9A]

10 points

The height of 12 plants was measured to the nearest half foot. The

Financial Literacy

#9 [TEKS 4.10B]

Zoe sold a pair of decorated shoes at a craft fair. She wrote down her expenses to create the shoes and the sales price of the shoes.

Expenses	Sales Price
Shoes: \$15.00	Decorated Shoes:
Paint: \$3.50	\$45.00
Rhinestones: \$5.25	



Zoe's profit from selling the shoes was \$.

To calculate Zoey's profit, subtract the from the .

Complete this statement about Zoe's profit using words and numbers from the drop down boxes below.

Choose the number that belongs in the green box.

4 points

Choose

58.75

23.75

45.00

25.00

Choose the number that belongs in the yellow box.

3 points

Choose the word or phrase that belongs in the blue box.

3 points

DATA & GRAPHS TEST #2

3. The number of laps students ran or walked around a track was recorded in the frequency table.

Number of Laps	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	$6\frac{1}{2}$
Tally								

Which stem and leaf plot represents the data in the table?

A

Stem	Leaf
3	$\frac{0}{2} \frac{1}{2}$
4	$\frac{0}{2} \frac{0}{2} \frac{1}{2}$
5	$\frac{0}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2}$
6	$\frac{1}{2} \frac{1}{2}$

$4\frac{0}{2}$ means 4 laps

B

Stem	Leaf
3	$\frac{1}{2} \frac{1}{2} \frac{1}{2}$
4	$\frac{0}{2} \frac{0}{2}$
5	$\frac{0}{2} \frac{0}{2} \frac{1}{2} \frac{1}{2}$
6	$\frac{0}{2} \frac{1}{2}$

$4\frac{0}{2}$ means 4 laps

C

Stem	Leaf
3	$\frac{1}{2} \frac{1}{2}$
4	$\frac{0}{2} \frac{0}{2} \frac{1}{2}$
5	$\frac{1}{2} \frac{1}{2} \frac{1}{2}$
6	$\frac{1}{2} \frac{1}{2}$

$4\frac{0}{2}$ means 4 laps

4. The 4th grade classes voted for their favorite book. The results are shown in the table.

Favorite Book	Tally	Frequency
Bud, Not Buddy		5
Wonder		5
The Lion, the Witch and the Wardrobe		4

A total of 126 4th grade students voted. What is the number of students who voted for The Lion, the Witch and the Wardrobe?

_____ students

DATA & GRAPHS TEST #2

Name: _____

Use the frequency table below for questions 1-2.

Ava recorded the number of glasses of water she drank each day in the frequency table.

Glasses of Water	5	$5\frac{1}{2}$	6	$6\frac{1}{2}$	7	$7\frac{1}{2}$	8	9	$9\frac{1}{2}$	10
Tally										

1. Ava's goal was to drink 8 or more glasses of water each day. How many days did she meet her goal?

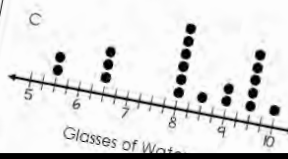
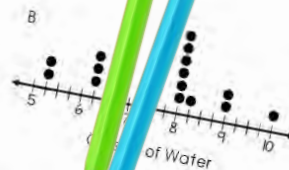
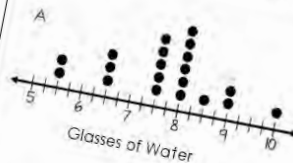
A. 6 days

B. 15 days

C. 9 days

D. 10 days

2. Which dot plot represents the data in the table?



Once you complete the entire test, record your answers here.

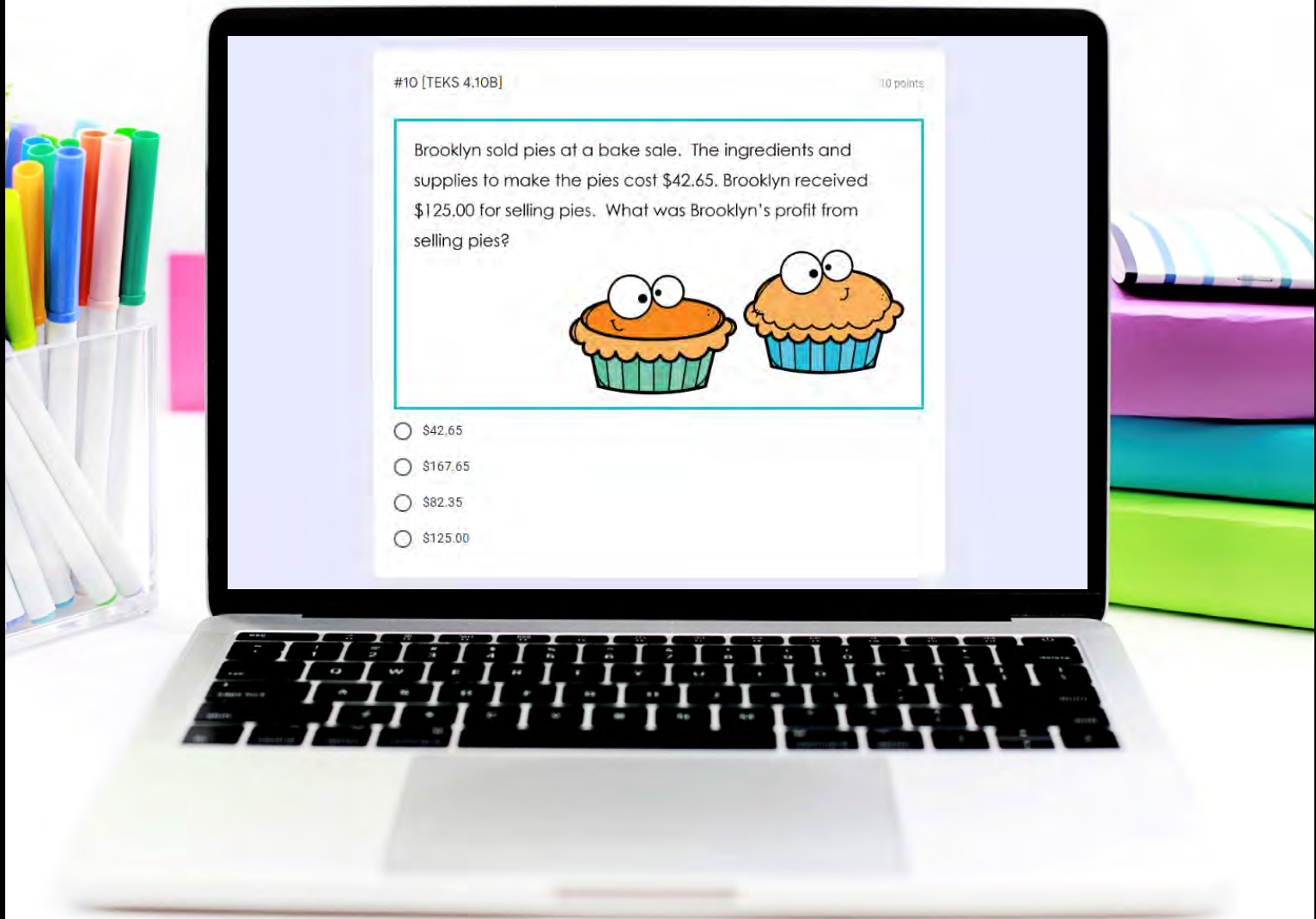
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

A. ☐

B. ☐

C. ☐

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Features & Benefits

of the Google Forms Version of this Assessment



Automatic Data
Collection and Analysis



Add & Remove Questions
to Differentiate



Applicable Standards shown
with each question



Self-Grading Student Feedback

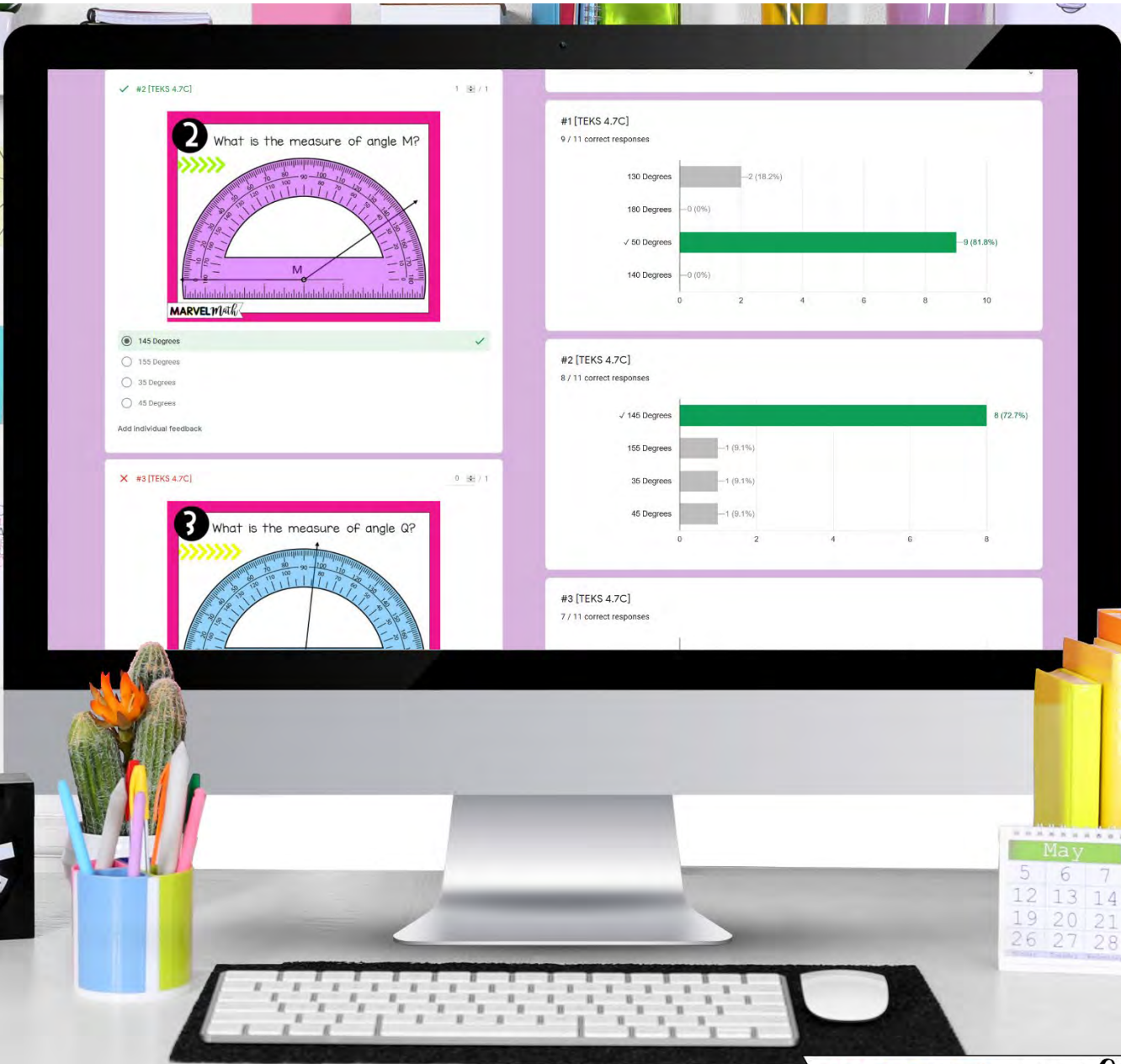


The following slides show the **amazing features** of using any of the Google Forms products I have created for Google Drive, including this resource!



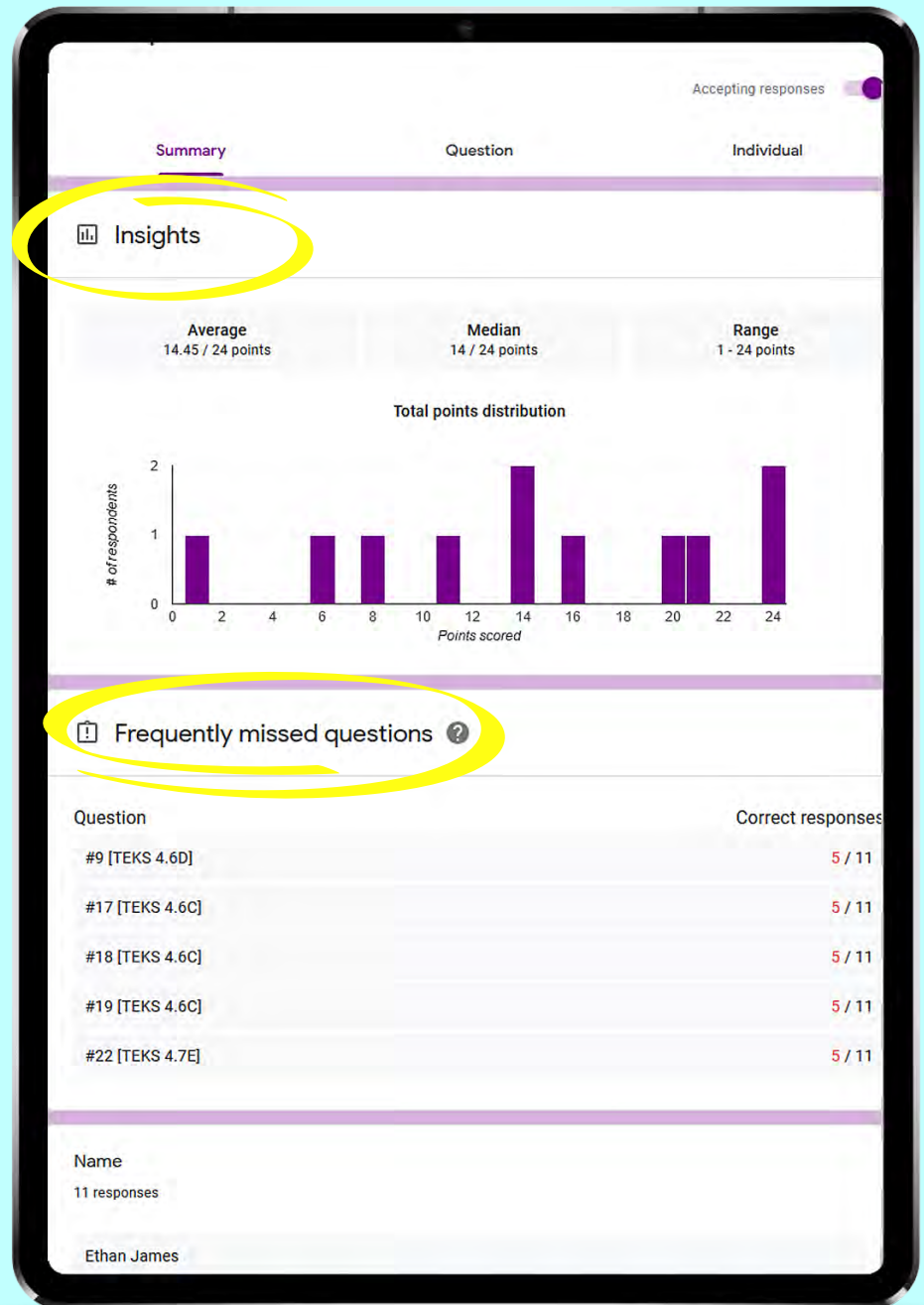
PREPARE
TO GET
EXCITED

Summary Analysis & Insights



Summary Analysis & Insights

See at a glance how students scores are distributed



See which TEKS students are struggling with the most

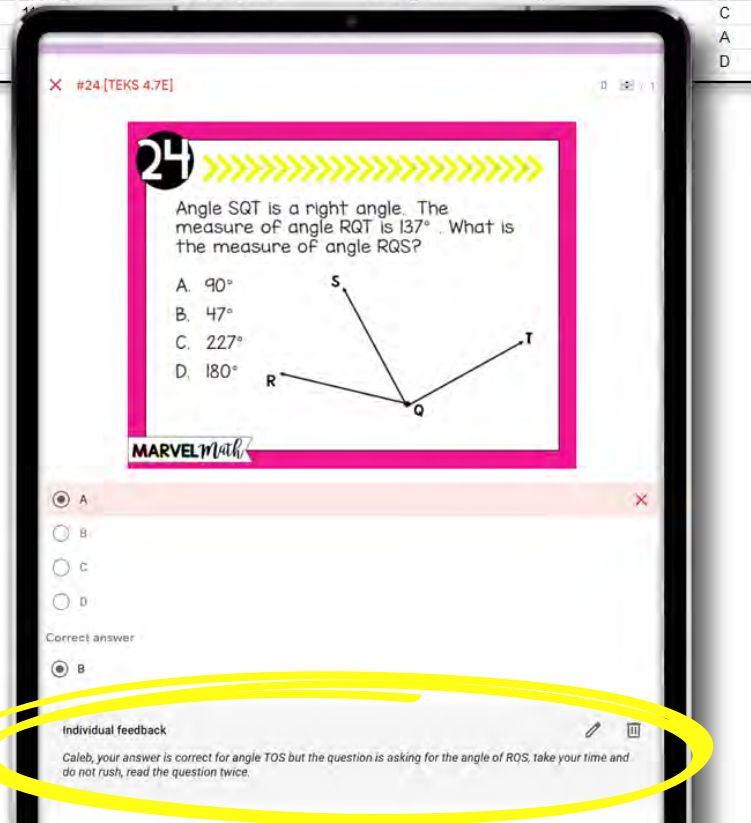


Export & Feedback

	A	B	C	D	E	F	G	H	I	
1	Timestamp	Score	Name	#1 [TEKS 4.7C]	#2 [TEKS 4.7C]	#3 [TEKS 4.7C]	#4 [TEKS 4.7C]	#5 [TEKS 4.7C]	#6 [TEKS 4.6D]	#7 [T
2	3/20/2020 19:27	6 / 24	Ethan James	130 Degrees	145 Degrees	96 Degrees	125 Degrees	33 Degrees	C	B
3	3/20/2020 20:07	8 / 24	Angela Gonzales	50 Degrees	35 Degrees	96 Degrees	84 Degrees	33 Degrees	D	C
4	3/20/2020 20:11	1 / 24	Rick Taylor	50 Degrees	155 Degrees	112 Degrees	55 Degrees	73 Degrees	B	B
5	3/20/2020 20:14	16 / 24	Kelly Williams	50 Degrees	145 Degrees	84 Degrees	70 Degrees	33 Degrees	C	A
6	3/20/2020 20:16	24 / 24	Sarah Hickman	50 Degrees	145 Degrees	84 Degrees	70 Degrees	33 Degrees	D	C
7	3/20/2020 20:20	24 / 24	Olivia Johnson	50 Degrees	145 Degrees	84 Degrees	70 Degrees	33 Degrees	D	C
8	3/20/2020 20:23	20 / 24	Kenny Smith	50 Degrees	145 Degrees	84 Degrees	70 Degrees	33 Degrees	D	C
9	3/20/2020 20:25	14 / 24	Grace Mason	50 Degrees	145 Degrees	84 Degrees	70 Degrees	33 Degrees	D	C
10	3/20/2020 20:27	21 / 24	Hunter Aston	50 Degrees	145 Degrees	112 Degrees	55 Degrees	73 Degrees	B	B
11	3/20/2020 20:25	14 / 24	Craig Richardson	50 Degrees	145 Degrees	84 Degrees	70 Degrees	33 Degrees	D	A
12	3/20/2020 20:31	11 / 24	Kendall Sanborne	130 Degrees	45 Degrees	96 Degrees	125 Degrees	33 Degrees	C	D

Export quiz results to Excel or Google Sheets

Provide students individual feedback



About the Author

This resource was created by Melissa Johnson, who has 16 years of k-10 teaching experience and a masters degree in Mathematics Education. Her resources build conceptual understanding, make connections between math topics and engage students in the mathematics they are learning.

