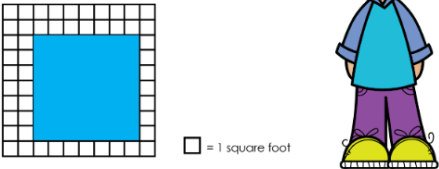


AREA, PERIMETER, TIME & MEASUREMENT

STAAR Review Tests

#2 [TEKS 3.6C] 10 points

What is the area of the shaded figure on the grid?



☒ 49 square feet
☐ 42 square feet
☐ 51 square feet
☐ 56 square feet

[TEKS 3.6C] 10 points

Jeremiah is using square pieces of sod to put a path down in his yard. He will plant 5 rows of sod in his yard. The first row of sod has already been planted. What is the total number of square pieces of sod Jeremiah will need to completely cover his yard?



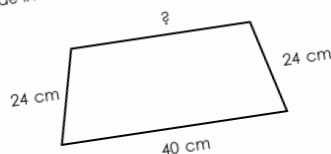
New STAAR Item Types

3rd GRADE

Each Assessment is included as a **Printable PDF** and in a **Self-Grading Google Form**

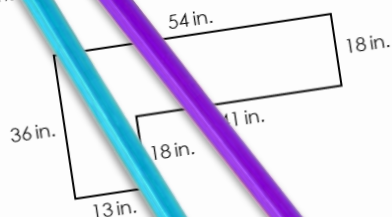
MEASUREMENT ASSESSMENT

5. The perimeter of the trapezoid below is 120 centimeters. What is the length of the side in centimeters?



- A 40 centimeters
- B 32 centimeters
- C 24 centimeters
- D 12 centimeters

6. What is the perimeter of the hexagon shown?

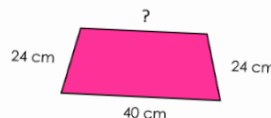


- A 150 inches
- B 153 inches
- C 180 inches
- D 183 inches

#5 [TEKS 3.7B]

10 points

The perimeter of the trapezoid below is 120 centimeters. What is the length of the missing side in centimeters?



- ☐ 40 centimeters
- ☐ 32 centimeters
- ☐ 24 centimeters
- ☐ 12 centimeters

#6 [TEKS 3.7B]

10 points

What is the perimeter of the hexagon shown?



New STAAR Question types

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

#9 [TEKS 3.7D]

10 points

Balls of yarn at a store are labeled with the length. Select all the units of measurement that could have been listed on the balls of yarn.



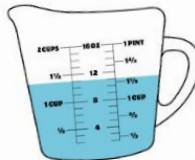
- ☒ centimeter
- ☐ kilogram
- ☒ feet
- ☐ ounce
- ☒ yard
- ☐ liter



#10 [TEKS 3.5C]

10 points

How many fluid ounces (oz) of water are in the measuring cup?



- ☐ 8 fluid oz.
- ☐ 11 fluid oz.
- ☐ 12 fluid oz.
- ☐ 16 fluid oz.



#7 [TEKS 3.7B]

Julio is building 3 cages for his guinea pigs. Each cage is a different shape. Choose board lengths for the square cage that would give Julio the perimeter he wants. Then find the perimeter for the pentagon enclosure.



Shape of Cage	Board Lengths (ft.)	Perimeter (ft.)
Rectangle	6, 4, 6, 4	20
Square		28
Pentagon	4, 5, 6, 5, 6	

Choose the number set that belongs in the blue box.

5 points

Choose

6, 6, 6, 6

7, 7, 7, 7

8, 8, 8, 8

belongs in the yellow box.

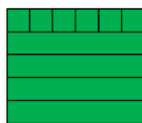
5 points

#8 [TEKS 3.7C]

10 points

going to a baseball game. The game

Jeremiah is using square pieces of sod to put grass down in his yard. He will plant 5 rows of sod in his yard. The first row of sod has already been planted. What is the total number of square pieces of sod Jeremiah will need to completely cover his yard?

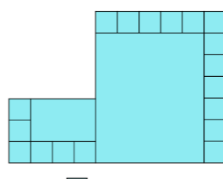


- ☐ 12 square pieces of sod
- ☐ 22 square pieces of sod
- ☐ 30 square pieces of sod
- ☐ 36 square pieces of sod

#4 [TEKS 3.6D]

10 points

A model of an adult and children's pool are shown. What is the total area of both pools in square yards?

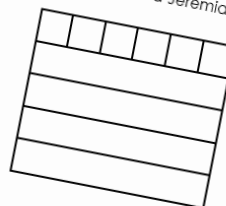


1 square = 1 square yard

7. Julio is building 3 cages for his guinea pigs. Each cage is a different shape. Choose board lengths for the square cage that would give Julio the perimeter he wants. Then find the perimeter for the pentagon enclosure.

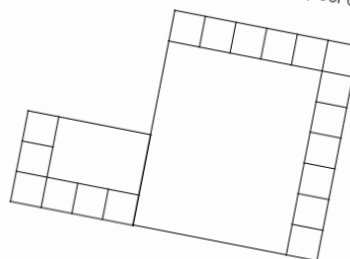
Shape of Cage	Board Lengths (ft.)	Perimeter (ft.)
Rectangle	6, 4, 6, 4	20
Square		28
Pentagon		

3. Jeremiah is using square pieces of sod to put grass down in his yard. He will plant 5 rows of sod in his yard. The first row of sod has already been planted. What is the total number of square pieces of sod Jeremiah will need to completely cover his yard?



- A 12 square pieces of sod
- B 22 square pieces of sod
- C 30 square pieces of sod
- D 36 square pieces of sod

4. A model of an adult and children's pool are shown. What is the total area of both pools in square yards?



- A 12 square yards
- B 18 square yards
- C 42 square yards
- D 54 square yards

1 square = 1 square yard

2 Assessments to Measure Student Growth

Each Assessment has 10 questions

MEASUREMENT Test

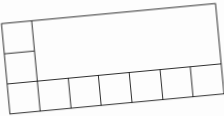
PLAN YOUR RETEACH GROUPS

TEKS 3.6C #1-3 Area of Rectangles (Readiness Standard)	TEKS 3.6D #4 Additive Area (Supporting Standard)	TEKS 3.7B #5-7 Perimeter and Missing Side Lengths (Readiness Standard)	#1 KEY
			1 D
			2 A
			3 C
			4 D
			5 B
			6 C
			7 7:7.7 26
			8 3:45 PM
			9 A, C, E
			10 B

MEASUREMENT ASSESSMENT #1

Name: _____

1. Mrs. Rivera bought a new rug for her classroom like the model shown. What is the area of Mrs. Rivera's new rug?

 □ = 1 square foot

A 12 square feet
B 14 square feet
C 18 square feet
D 21 square feet

2. What is the area of the shaded figure on the grid?



1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

MEASUREMENT Test

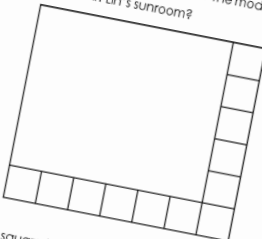
PLAN YOUR RETEACH GROUPS

TEKS 3.6C #1-3 Area of Rectangles (Readiness Standard)	TEKS 3.6D #4 Additive Area (Supporting Standard)	TEKS 3.7B #5-7 Perimeter and Missing Side Lengths (Readiness Standard)	#2 KEY
			1 C
			2 B
			3 D
			4 A
			5 C
			6 D
			7 4:10.4 26
			8 9:10

MEASUREMENT ASSESSMENT #2

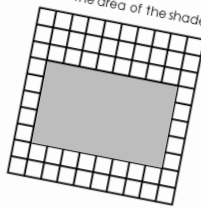
Name: _____

1. Mr. Lin is building a sunroom like the model shown. What is the area of Mr. Lin's sunroom?

 □ = 1 square foot

A 12 square feet
B 35 square feet
C 42 square feet
D 48 square feet

2. What is the area of the shaded figure on the grid?



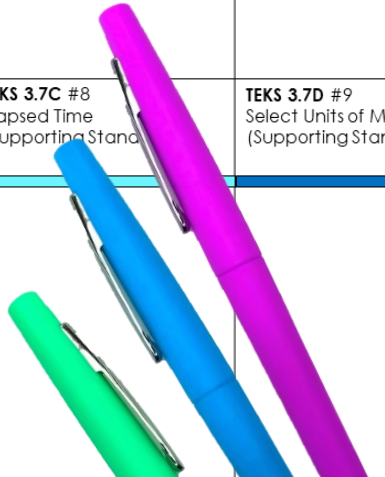
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Includes a Data Tracker for easy record keeping and data analysis



MEASUREMENT Test

 PLAN YOUR RETEACH GROUPS 			#	KEY
TEKS 3.6C #1-3 Area of Rectangles (Readiness Standard)	TEKS 3.6D #4 Additive Area (Supporting Standard)	TEKS 3.7B #5-7 Perimeter and Missing Side Lengths (Readiness Standard)		
Alex Jayla	Evelyn Caleb Sam			
TEKS 3.7C #8 Elapsed Time (Supporting Standard)	TEKS 3.7D #9 Select Units of Measure (Supporting Standard)	TEKS 3.5C #10 Measure Weight & Capacity (Supporting Standard)		



#1

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

1.	A
2.	B
3.	C
4.	D
5.	B
6.	C
7.	7, 7, 7, 7, 26
8.	3:45 PM
9.	A, C, E
10.	B



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

#8 [TEKS 3.7C]

10 points

Vanna and Di are going to a baseball game. The game starts at 2:25 P.M. and lasts 1 hour and 20 minutes. What time will the game end?

You may use the elapsed time ruler below to help you solve the problem.



Your answer _____

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



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.



MARVEL Math