



CURRICULUM AND INSTRUCTION

Fifth Grade Assessment Question Analysis by Readiness Standard

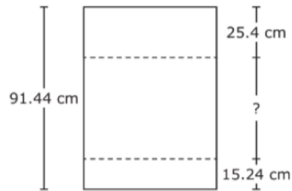
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TEKS 5.3(K)- Add and subtract positive rational numbers fluently.

2022 – Q27

- 27** The length of a large piece of paper was 91.44 centimeters from top to bottom. The diagram shows the lengths of two strips of paper Patricia cut from the large piece of paper.



What is the length in centimeters of the remaining part of the large piece of paper from top to bottom?

- A** 73.66 cm
- B** 61.2 cm
- C** 40.64 cm
- D** 50.8 cm

*Correct Answer (D)

Module 4 Lesson 22 Exit Ticket

2. John's net income each month is \$5,500. Each month, \$448.20 is deducted for income tax, \$335.50 is deducted for payroll tax, and \$210.00 is deducted for health insurance. What is John's monthly gross income?

2021 – Q36

- 36** Landon had one string that was 10 meters long. He used 6.275 meters of this string for a project.

What was the length of string in meters that Landon had left?

- F** 16.275 m
- G** 4.275 m
- H** 3.725 m
- J** 6.265 m

*Correct Answer (H)

<div>2022 – Q8</div> <div><div>8</div><div>A baker had 48 cups of flour in a container. The baker used $11\frac{1}{4}$ cups of flour on Friday and $14\frac{1}{2}$ cups of flour on Saturday. How many cups of flour were left in the container?</div><div><div>F</div><div>$22\frac{1}{4}$ cups</div></div><div><div>G</div><div>$23\frac{3}{4}$ cups</div></div><div><div>H</div><div>$25\frac{3}{4}$ cups</div></div><div><div>J</div><div>$23\frac{1}{4}$ cups</div></div></div> <div><div>*Correct Answer (F)</div><div></div></div>	<div>Module 3 Lesson 10 Problem Set</div> <div><div>4.</div><div>Jaz decided to spend $6\frac{1}{2}$ hours studying over the weekend. She spent $1\frac{1}{4}$ hours studying on Friday evening and $2\frac{2}{3}$ hours on Saturday. How much longer does she need to spend studying on Sunday in order to reach her goal?</div></div> <div>Module 3 Lesson 13 Problem Set</div> <div><div>2.</div><div>John used $1\frac{3}{4}$ kg of salt to melt the ice on his sidewalk. He then used another $3\frac{4}{5}$ kg on the driveway. If he originally bought 10 kg of salt, how much does he have left?</div></div> <div><div>4.</div><div>Gavin had 20 minutes to do a three-problem quiz. He spent $9\frac{3}{4}$ minutes on Problem 1 and $3\frac{4}{5}$ minutes on Problem 2. How much time did he have left for Problem 3? Write the answer in minutes and seconds.</div></div> <div>Module 3 Lesson 13 Homework</div> <div><div>1.</div><div>A baker buys a 5 lb bag of sugar. She uses $1\frac{2}{3}$ lb to make some muffins and $2\frac{3}{4}$ lb to make a cake. How much sugar does she have left?</div></div>
<div><div>!</div><div>2021 – Q10</div></div> <div><div>10</div><div>Ms. Fitzgerald had $2\frac{1}{4}$ gallons of fruit punch. She served $\frac{3}{8}$ gallon of the fruit punch to her family at lunch. How many gallons of fruit punch did Ms. Fitzgerald have left after lunch?</div><div><div>F</div><div>$2\frac{1}{3}$ gal</div></div><div><div>G</div><div>$1\frac{6}{8}$ gal</div></div><div><div>H</div><div>$1\frac{1}{2}$ gal</div></div><div><div>J</div><div>$1\frac{7}{8}$ gal</div></div></div> <div><div>*Correct Answer (J)</div><div></div></div>	<div>Module 3 Lesson 9 Problem Set</div> <div><div>3.</div><div>Mei has $1\frac{1}{4}$ liter of orange juice. She drinks $\frac{1}{3}$ liter. How much orange juice does she have left? (Extension: If her brother then drinks twice as much as Mei, how much is left?)</div></div>

TEKS 5.4(B)- Represent and solve multi-step problems involving the four operations with whole numbers using equations with a letter standing for the unknown quantity.

2022 – Q16

16 A basketball team scored points by making baskets worth different numbers of points during a game.

- The team made 6 baskets worth 3 points each.
- The team made 21 baskets worth 2 points each.
- The team scored 16 points by making baskets worth 1 point each.

This equation can be used to find p , the total number of points the basketball team scored during the game.

$$p = 6(3) + 21(2) + 16$$

What is the total number of points the basketball team scored during the game?

F 76

G 48

H 94

J 60

* Correct Answer (F)

Module 2 Lesson 7 Problem Set

6. A box contains 24 oranges. Mr. Lee ordered 8 boxes for his store and 12 boxes for his restaurant.
- Write an expression to show how to find the total number of oranges ordered.
 - Next week, Mr. Lee will double the number of boxes he orders. Write a new expression to represent the number of oranges in next week's order.
 - Evaluate your expression from Part (b) to find the total number of oranges ordered in both weeks.

2022 – Q33

33 A business that rents cars is open for 8 hours on Monday. On Monday morning the business had 45 cars.

- The business rented 3 cars to customers during each of the first 5 hours.
- The business rented 2 cars to customers during each of the next 3 hours.
- The total number of cars that were brought back to the business by customers on Monday was 17.

In which equation does c represent the number of cars the business had at the end of the day on Monday?

A $c = 45 - (5 + 3) - (3 + 2) + 17$

B $c = 45 - (5 \times 3) - (3 \times 2) - 17$

C $c = 45 - (5 + 3) - (3 + 2) - 17$

D $c = 45 - (5 \times 3) - (3 \times 2) + 17$

* Correct Answer (D)

Module 2 End-of Module Assessment

- d. The baker pays \$0.80 per pound for sugar and \$1.25 per pound for butter. Write an equation that shows t , how much the baker will spend if he buys 6 pounds of butter and 20 pounds of sugar.

2021 – Q21

21 Kendra earned a total of \$625 selling jewelry.

- She sold 7 necklaces for \$55 each.
- She sold 8 rings.
- Each ring was sold for the same price.

The equation shown can be used to find r , the amount of money in dollars she earned for each ring sold.

$$r = [625 - (7 \times 55)] \div 8$$

What was the amount of money in dollars Kendra earned for each ring sold?

- A \$30
- B \$240
- C \$45
- D None of these

*Correct Answer (A)

Module 2 Lesson 33 Problem Set

*Any of the word problems in this problem set can be represented using an equation w/ a letter standing for the unknown prior to solving.

1. Lamar has 1,354.5 kilograms of potatoes to deliver equally to 18 stores. Twelve of the stores are in Beaumont. How many kilograms of potatoes will be delivered to stores in Beaumont?

TEKS 5.4(F)- Simplify numerical expressions that do not involve exponents, including up to two levels of grouping.

2022 – Q23

23 An expression is given.

$$3(25 + 19) + 4(3)$$

What is the value of this expression?

- A 294
- B 144
- C 408
- D 168

*Correct Answer (B)

Module 4 End of Module Assessment

8. Stephanie evaluates the numerical expression shown.

$$6 + (15 \times 8) \div (3 + 9)$$

What is the value of the expression?

Record your answer and fill in the bubbles. Be sure to use the correct place value.

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

2021 – Q33

33 Which expression has a value of 25?

- A $2(32 + 18) \div 4$
 B $(10 \times 10) \div (2 \div 2)$
 C $(50 \times 10) \div 5$
 D $(10 + 10) \div 4$

*Correct Answer (A)

Module 2 Lesson 7 Problem Set

2. Write the numerical expressions in words. Then, solve.

Expression	Words	The Value of the Expression
a. $12 \times (5 + 25)$		
b. $(62 - 12) \times 11$		
c. $(45 + 55) \times 23$		
d. $(30 \times 2) + (8 \times 2)$		

Module 2 Mid-Module Assessment

3. Fill in the chart.

Words	Expression	The Value of the Expression
a. 50 times the sum of 64 and 36		
b. Divide the difference between 1,200 and 700 by 5		
c. The sum of 3 fifteens and 17 fifteens		
d. 15 times the sum of 14 and 6		
e.	$10 \times (250 + 45)$	
f.	$(560 + 440) \times 14$	

2022 – Q7

7 Kassidy walks and bathes dogs. She charges \$8.50 if a customer wants a dog bathed and walked. She charges \$5.75 if a customer only wants a dog walked. The list shows the jobs Kassidy did last weekend.

- On Saturday she took 6 dogs for walks only.
- On Sunday she took 5 dogs for walks only.
- On Saturday she walked and bathed 4 dogs.
- On Sunday she walked and bathed 4 dogs.

Kassidy used the following expression to determine the amount of money she earned walking and bathing dogs last weekend.

$$5.75(6 + 5) + 8.50(2 \times 4)$$

How much money did Kassidy earn walking and bathing dogs last weekend?

- A \$97.25
 B \$1,411.00
 C \$194.50
 D \$131.25

*Correct Answer (D)

Module 4 Lesson 25 Fluency

*Include decimal numbers during fluency practice.

Order of Operations (3 minutes)

Materials: (S) Personal white board

Note: This fluency activity prepares students for today's lesson.

T: (Write $12 \div 3 + 1 = \underline{\quad}$.) On your personal white board, write the complete number sentence.

$$12 \div 3 + 1 = \underline{5}$$

S: (Write $12 \div 3 + 1 = 5$.)

T: (Write $12 \div (3 + 1) = \underline{\quad}$.) Copy the expression on your personal white board.

$$12 \div (3 + 1) = \underline{3}$$

S: (Write $12 \div (3 + 1) = \underline{\quad}$.)

T: Write the complete number sentence, performing the operation inside the parentheses.

S: (Beneath $12 \div (3 + 1) = \underline{\quad}$, write $12 \div 4 = 3$.)

Continue with the following possible sequence: $20 - 4 \div 2$, $(20 - 4) \div 2$, $25 - 5 \div 2 \times 3$, $[(25 - 5) \div 2] \times 3$.

TEKS 5.2(B)- Compare and order two decimals to thousandths and represent comparisons using the symbols $<$, $>$, $=$

2022 – Q3

- 3** The table shows the weights in tons of four cars.

Weights of Cars

Car	Weight (tons)
Q	1.269
R	1.314
S	1.281
T	1.238

Which statement is true?

- A** The weight of Car S is less than the weight of Car T.
- B** The weight of Car Q is greater than the weight of Car R.
- C** The weight of Car R is less than the weight of Car T.
- D** The weight of Car S is greater than the weight of Car Q.

* Correct Answer (D)

Module 1 Mid-Module Assessment

4. Average annual rainfall totals for cities in Texas are listed below.

City	Annual Rainfall Total (in meters)
Fort Worth	0.96
Lockhart	0.918
Jasper	1.5
Houston	1.264

- a. Put the rainfall measurements in order from least to greatest.

Module 1 End-of-Module Assessment

4. Swimmers compete in a 50-meter race. The finish times are shown in the table.

50-Meter Race	
Swimmer	Time (seconds)
Kat	40.84
Tu	41.8
Pia	40.996
Tad	41.405

Which choice shows the finish times from least to greatest?

- A** 40.84, 41.8, 40.966, 41.405
- B** 41.8, 41.405, 40.966, 40.84
- C** 41.8, 40.84, 41.405, 40.966
- D** 40.84, 40.966, 41.405, 41.8

TEKS 5.3(E)- Solve for products of decimals to the hundredths, including situations involving money, using strategies based on place value understandings, properties of operations, and the relationship to the multiplication of whole numbers.

2022 – Q10

- 10** A man bought 6 cans of tuna. Each can of tuna cost \$0.93.

What is the total amount of money the man spent on the cans of tuna?

- F** \$4.98
- G** \$5.58
- H** \$6.93
- J** \$5.48

* Correct Answer (G)

Module 2 Lesson 16 Problem Set

3. Denise walks on the beach every afternoon. In the month of July, she walked 3.45 miles each day. How far did Denise walk during the month of July?

Module 2 End of Module Assessment

- d. The baker pays \$0.80 per pound for sugar and \$1.25 per pound for butter. Write an equation that shows t , how much the baker will spend if he buys 6 pounds of butter and 20 pounds of sugar.

2021 – Q28

28 Jonathan and Elizabeth are comparing the masses of their rocks.

- Jonathan's rock has a mass of 0.2 kilogram.
- Elizabeth's rock has a mass 8 times the mass of Jonathan's rock.

What is the mass of Elizabeth's rock in kilograms?

Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.

* Correct Answer (1.6)

Module 2 Lesson 33 Problem Set

4. A city block is 3 times as long as it is wide. If the distance around the block is 0.48 kilometers, what is the area of the block in square meters?

TEKS 5.3(G)- Solve for quotients of decimals to the hundredths, up to four digit dividends and two digit whole number divisors, using strategies and algorithms, including the standard algorithm

2022 – Q6

- 6 A restaurant bill was paid equally by 7 friends. The bill was \$99.96. How much money in dollars and cents did each person pay?

Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.

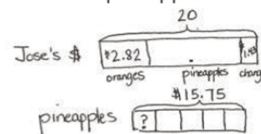
* Correct Answer (14.28)

Module 1 Lesson 13 Problem Set

5. Esperanza usually buys avocados for \$0.94 apiece. During a sale, she gets 5 avocados for \$4.10. How much money did she save per avocado? Use a strip diagram, and show your calculations.

Module 1 Lesson 14 Application Problem

Jose bought a bag of 6 oranges for \$2.82. He also bought 5 pineapples. He gave the cashier \$20 and received \$1.43 change. How much did each pineapple cost?



$$\$20. - \$1.43 - \$2.82 = \$15.75$$

$$\begin{aligned} & \$15.75 \div 5 \\ & = 15 \text{ ones} \div 5 + 75 \text{ hundredths} \div 5 \\ & = 3 \text{ ones} + 15 \text{ hundredths} \\ & = \$3.15 \end{aligned}$$

Each pineapple costs \$3.15.

2022 – Q25

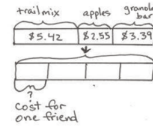
- 25** A family used a total of 2.24 pounds of ground beef to make 8 equal-size hamburgers. How much ground beef in pounds was used for each hamburger?

- A** 0.33 lb
B 0.28 lb
C 0.3 lb
D 2.8 lb

*Correct Answer (B)

Module 1 Lesson 15 Application Problem

Jesse and three friends buy snacks for a hike. They buy trail mix for \$5.42, apples for \$2.55, and granola bars for \$3.39. If the four friends split the cost of the snacks equally, how much should each friend pay?



$$\begin{array}{r}
 \$5.42 \\
 + \$2.55 \\
 + \$3.39 \\
 \hline
 \$11.36 \\
 \div 4 \\
 \hline
 \$2.84
 \end{array}$$

One friend should pay \$2.84.

Note: Adding and dividing decimals are taught in this module. Teachers may choose to help students draw the strip diagram before students do the calculations independently.

Module 1 Lesson 15 Problem Set

4. Brandon mixed 6.83 lb of cashews with 3.57 lb of pistachios. After filling up 6 bags that were the same size with the mixture, he had 0.38 lb of nuts left. What was the weight of each bag? Use a strip diagram, and show your calculations.

2021 – Q16

- 16** A cafeteria worker used 8.05 kilograms of meat to make 35 lunches. Each lunch had the same amount of meat.

What was the mass in kilograms of the meat in each lunch?

- F** 2.03 kg
G 0.23 kg
H 0.023 kg
J 2.3 kg

*Correct Answer (G)

Module 1 End of Module Assessment

1. A gardener installed 42.6 meters of fencing in a week. He installed 13.45 meters on Monday and 9.5 meters on Tuesday. He installed the rest of the fence in equal lengths on Wednesday through Friday. How many meters of fencing did he install on each of the last three days?

Module 1 End of Module Assessment

3. A table and 8 chairs weigh 235.68 lb together. If the table weighs 157.84 lb, what is the weight of one chair in pounds?

TEKS 5.3(L)- Divide whole number by unit fractions and unit fraction by whole numbers.

2022 – Q13

13 What is the value of this expression?

$$\frac{1}{5} \div 30$$

A $\frac{1}{150}$

B $\frac{1}{6}$

C 6

D 150

*Correct Answer (A)

Module 4 End of Module Assessment

1. Multiply or divide. Draw a model to explain your thinking.

a. $5 \times \frac{1}{4}$

b. $\frac{2}{5}$ of 15



c. $9 \times \frac{2}{3}$

d. $4 \div \frac{1}{3}$



e. $5 \div \frac{1}{4}$

f. $\frac{1}{4} \div 5$

2022 – Q29

29 Lee Ann bought 2 cartons of yogurt. She ate $\frac{1}{8}$ of a carton of yogurt each day.

How many days did it take Lee Ann to eat all of the yogurt in the 2 cartons?

A 10

B 16

C 4

D 6

*Correct Answer (B)

Module 4 End of Module Assessment

c. Jill collected a total of 19 gallons of honey. If she distributes all of the honey equally such that $\frac{1}{5}$ of the honey will be in each jar, how much honey will be in each jar?

2021 – Q12

- 12 Angelina used $\frac{1}{3}$ of a bag of soil to fill 6 flowerpots. She filled each flowerpot with the same amount of soil.

How much soil did Angelina use to fill each flowerpot?

- F $\frac{1}{18}$ of a bag
 G 18 bags
 H $\frac{1}{2}$ of a bag
 J 2 bags

*Correct Answer (F)

Module 4 Lesson 18 Problem Set

4. Mrs. Appler used $\frac{1}{2}$ gallon of olive oil to make 8 identical batches of salad dressing.
- a. How many gallons of olive oil did she use in each batch of salad dressing?

Module 4 Lesson 19 Exit Ticket

2. Sybil has $\frac{1}{2}$ of a pizza left over. She wants to share the pizza with 3 of her friends. What fraction of the original pizza will Sybil and her 3 friends each receive? Draw a picture to support your response.

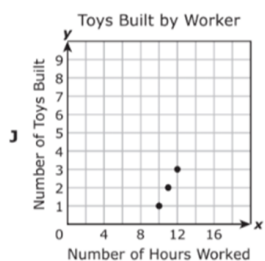
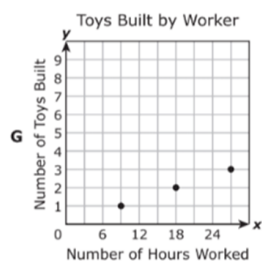
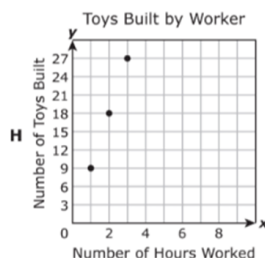
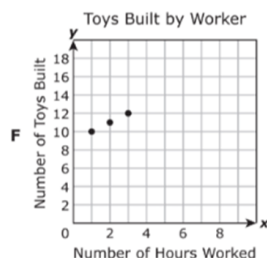
Module 4 End of Module Assessment

- d. Jill's mom used $\frac{1}{4}$ of a gallon of honey to bake 3 loaves of bread. If she used an equal amount of honey in each loaf, how much honey did she use for 1 loaf?

TEKS 5.4(C)- Generate a numerical pattern when given a rule in the form $y=ax$ or $y=x+a$ and graph

- 2 A worker is building toys at a factory. The relationship between the number of hours the employee works, x , and the number of toys the employee builds, y , is represented by the equation $y = 9x$.

Which graph represents this relationship?



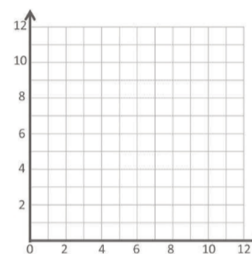
*Correct Answer (H)

Module 6 Lesson 8 Problem Set

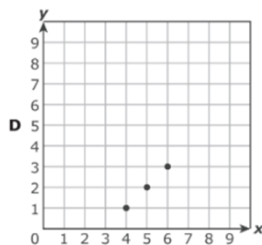
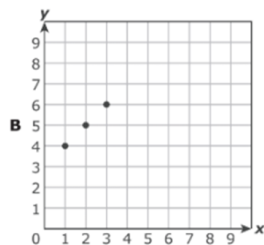
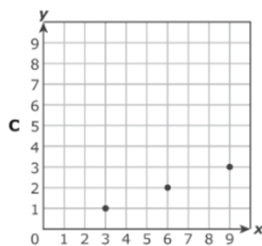
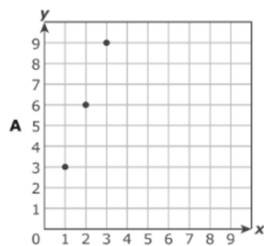
1. Create a table of 3 values for x and y such that each y -coordinate is 3 more than the corresponding x -coordinate.

x	y	(x, y)

- a. Plot each point on the coordinate plane.
- b. Use a straightedge to draw a line connecting these points.
- c. Give the coordinates of 2 other points that fall on this line with x -coordinates greater than 12.
 (____, ____) and (____, ____)
- d. Write the rule that represents the relationship between x and y as an equation.



2022 – Q31

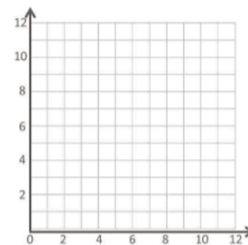
31 Which graph includes only points that follow the rule $y = x + 3$?

*Correct Answer (B)

Module 6 Lesson 8 Problem Set

2. Create a table of 3 values for x and y such that each y -coordinate is 3 times as much as its corresponding x -coordinate.

x	y	(x, y)

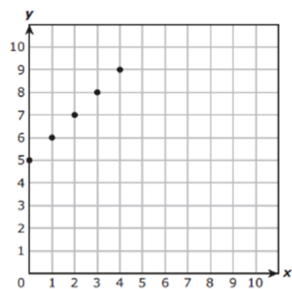


a. Plot each point on the coordinate plane.

b. Use a straightedge to draw a line connecting these points.

c. Give the coordinates of 2 other points that fall on this line with y -coordinates greater than 25.
(____, ____) and (____, ____)d. Write the rule that represents the relationship between x and y as an equation.

2021 – Q7

7 The points plotted on the coordinate grid represent the rule $y = x + 5$.

Which table also represents this rule?

A

x	y
9	4
11	6
14	9
20	15

C

x	y
5	10
6	15
7	20
8	25

B

x	y
4	9
5	10
6	11
7	12

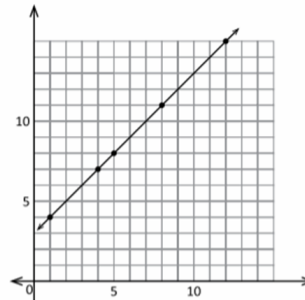
D

x	y
4	20
5	25
6	30
7	35

*Correct Answer (B)

Module 6 Mid Module Assessment

6. a. Use the graph to give the coordinate pairs of the points marked on the line.



x	y

2021 – Q26

- 26 Which table contains only x -values and y -values that make the equation $y = 4.8x$ true?

F

x	y
2	9.6
4	19.2
6	28.8
8	38.4

H

x	y
2	4.8
4	9.6
6	14.4
8	19.2

G

x	y
3	7.8
5	9.8
7	11.8
9	13.8

J

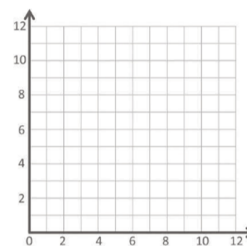
x	y
3	14.4
5	19.2
7	24.0
9	28.8

*Correct Answer (F)

Module 5 Lesson 8 Exit Ticket

Complete this table with values for y such that each y -coordinate is 5 more than its corresponding x -coordinate.

x	y	(x, y)
0		
2		
3.5		

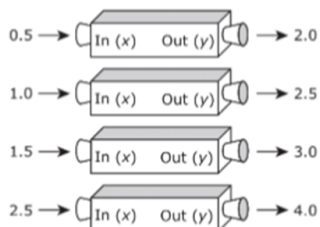


- Plot each point on the coordinate plane.
- Use a straightedge to draw a line connecting these points.
- Name 2 other points that fall on this line with y -coordinates greater than 25.
- Write the rule that represents the relationship between x and y as an equation.

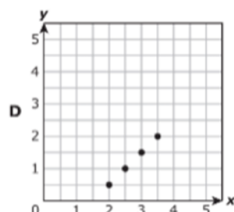
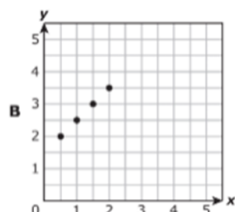
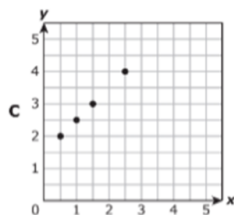
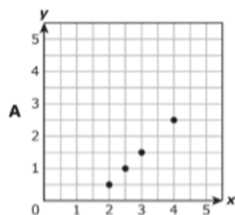
TEKS 5.8(C)- Graph in the first quadrant of the coordinate plane ordered pairs of numbers arising from mathematical and real-world problems, including those generated by number patterns or found in an input-output table.

2022 – Q9

- 9 Marisol used a number machine to create ordered pairs of numbers based on a rule. Some ordered pairs are shown.



Which graph best represents the ordered pairs?



*Correct Answer (C)

Module 5 Lesson 6 Problem Set

1. Plot the following points, and label them on the coordinate plane.

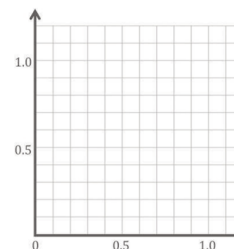
A: (0.3, 0.1) B: (0.3, 0.7)

C: (0.2, 0.9) D: (0.4, 0.9)

- a. Use a straightedge to construct line segments \overline{AB} and \overline{CD} .

- b. Line segment _____ is parallel to the x -axis and is perpendicular to the y -axis.

- c. Line segment _____ is parallel to the y -axis and is perpendicular to the x -axis.



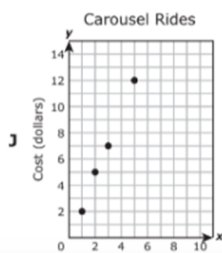
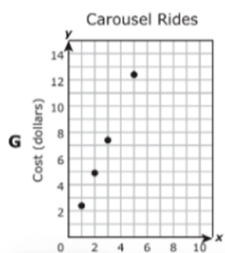
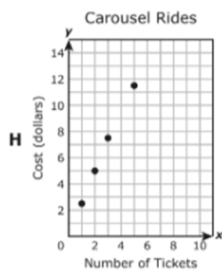
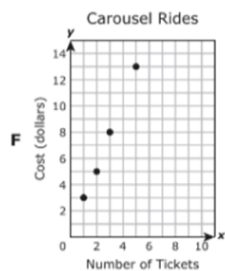
2022 – Q32

- 32 Each ticket to ride a carousel costs \$2.50. The table shows the relationship between x , the number of tickets bought, and y , the cost of the tickets in dollars.

Carousel Rides

Number of Tickets, x	Cost, y (dollars)
1	2.50
2	5.00
3	7.50
5	12.50

Which graph best represents the data shown in the table?



*Correct Answer (G)

Module 6 Mid Module Assessment

1. Give the coordinates of each point.

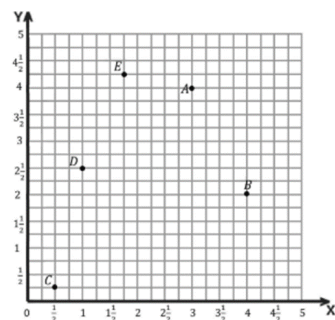
A _____

B _____

C _____

D _____

E _____

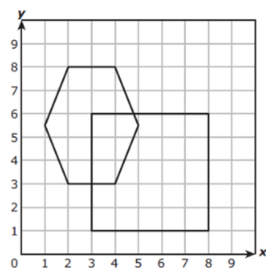


2. Plot each point in the coordinate plane above, and label each point with F , G , or H .

 $F(0, 4)$ $G(2, 1)$ $H(4\frac{3}{4}, 3\frac{3}{4})$

2021 – Q25

25 There are two shapes drawn on the coordinate grid, as shown.



Which ordered pair represents a point that is inside both shapes?

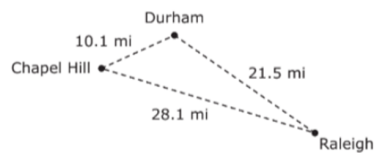
- A (3.5, 5.5)
- B (5.5, 3.5)
- C (4.5, 2.5)
- D (2.5, 4.5)

*Correct Answer (A)

TEKS 5.4(H)- Represent and solve problems related to perimeter and or area related to volume.

2022 – Q22

22 The diagram shows the locations of three cities and the triangle formed between these locations. The distances between the cities are shown in miles.



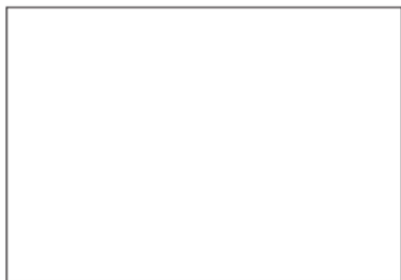
What is the perimeter of the triangle in miles?

Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.

*Correct Answer (59.7)

2022 – Q34

- 34** Mr. Warren drew a diagram of the base of a carton shaped like a rectangular prism. Use the ruler provided to measure the length and width of the diagram to the nearest inch.



Which measurement is closest to the area of the base of the carton in square inches?

- F** $A = 12$ square inches
G $A = 14$ square inches
H $A = 20$ square inches
J $A = 18$ square inches

*Correct Answer (F)

Module 5 Lesson 11 Exit Ticket

Measure the rectangle to the nearest $\frac{1}{4}$ inch with your ruler, and label the dimensions. Find the area.



2021 – Q4

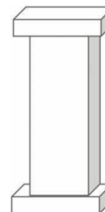
- 4** A rectangular prism has a length of 20 inches, a width of 11 inches, and a height of 13 inches. What is the volume in cubic inches of this rectangular prism?

- F** 233 cubic inches
G 2,860 cubic inches
H 160 cubic inches
J 88 cubic inches

*Correct Answer (G)

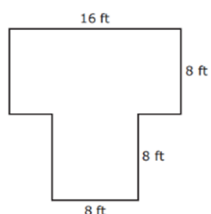
Module 5 Mid Module Assessment

- 5.** The following structure is composed of two right rectangular prisms that each measure 12 inches by 10 inches by 5 inches and one right rectangular prism that measures 10 inches by 8 inches by 36 inches. What is the total volume of the structure? Explain your thinking.



2021 – Q22

- 22 Edgar built a deck in his backyard with a section in the shape of a rectangle and a section in the shape of a square. The model shows the dimensions of his deck in feet.



What is the area in square feet of the deck Edgar built?

Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.

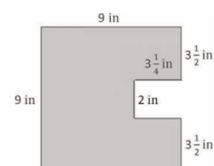
*Correct Answer (192)

Module 5 Lesson 11 Problem Set

4. Fred cut a 9-inch square of construction paper for an art project. He cut a rectangle from the edge of the big square whose sides measured $3\frac{1}{4}$ inches \times 2 inches. (See the picture below.)

a. What is the area of the rectangle that Fred cut out?

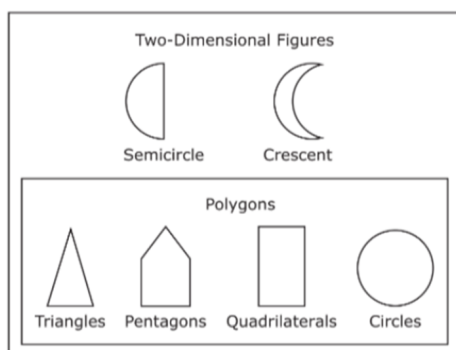
b. What is the area of the remaining paper?



TEKS 5.5(A)- Classify two dimensional figures in a hierarchy of sets and subsets using graphic organizers based on their attributes and properties.

2022 – Q5

- 5 Which shape is **NOT** sorted correctly in the graphic organizer?



- A Circle
B Pentagon
C Quadrilateral
D Triangle

*Correct Answer (A)

Module 5 Lesson 17 Homework

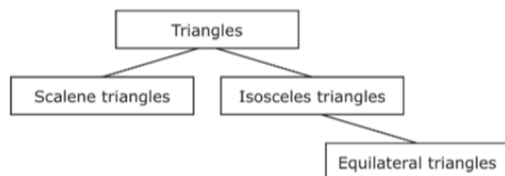
2. Kaplan incorrectly sorted some quadrilaterals into trapezoids and non-trapezoids as pictured below.

a. Circle the shapes that are in the wrong group, and tell why they are sorted incorrectly.

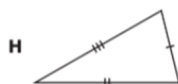
Trapezoids	Non-Trapezoids

2022 – Q24

24 The graphic organizer shown can be used to classify triangles.

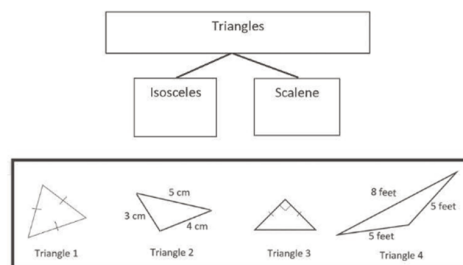


Which triangle can be classified as scalene?



*Correct Answer (H)

Module 5 End of Module Assessment

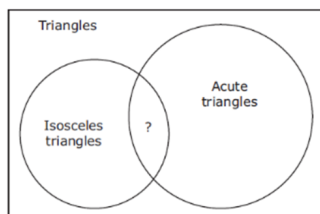


Which triangle does NOT belong with the others.

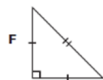
- A Triangle 1
- B Triangle 2
- C Triangle 3
- D Triangle 4

2021 – Q8

8 This Venn diagram shows the relationship between some types of triangles.



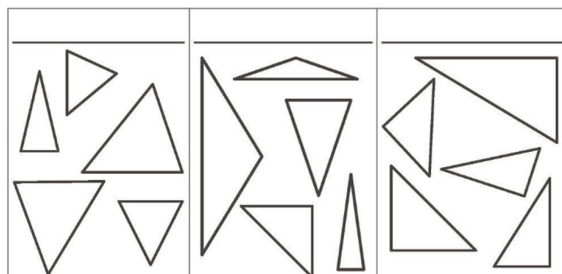
Which triangle belongs in the intersection of "Acute triangles" and "Isosceles triangles"?



*Correct Answer (J)

Module 5 Lesson 15 Exit Ticket

1. The triangles below have been classified by a shared attribute (side length or angle type). Use one of the words *acute*, *right*, *obtuse*, *scalene*, *isosceles*, or *equilateral* to label the headings to identify the way the triangles have been sorted.



Module 6 End of Module Assessment

4. The following stem-and-leaf plot shows the race times, in seconds, for the 200-meter dash at a school track meet.

200-meter dash times (seconds)	
Stem	Leaf
33	4 5
34	0
35	5 8
36	7
37	6 9
38	
39	2

37|6 means 37.6 seconds.

b. What is the difference between the fastest and slowest times?

2022 – Q30

30 The stem and leaf plot shows the number of laps around a track that several teams walked as part of a fund-raiser for the library. The teams that walked more than 50 laps raised an extra \$100 for the library.

Laps Walked	
Stem	Leaf
3	1 2 2 2 3
4	1 6
5	0 3
6	3 3 5

3|0 means 30.

What fraction of the teams raised this extra money?

- F $\frac{1}{4}$
- G $\frac{5}{12}$
- H $\frac{5}{7}$
- J $\frac{1}{3}$

*Correct Answer (J)

Module 6 End of Module Assessment

Module 6 Lesson 14 Problem Set

7. A zoologist wants to know how much a baby garter snake weighs. The zoologist measures and records the following weights, in grams, from a brood of baby garter snakes.

2.4	2.0	2.8	2.7	2.3	1.9
1.8	2.4	2.4	2.3	2.5	1.7

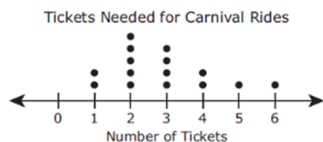
a. Make a dot plot to represent the weights measured by the zoologist.



- f. What is the difference between the least and greatest weights of the baby garter snakes?
- g. What is the most common weight of the baby garter snakes?
- h. What fraction of these baby garter snakes weigh at least 2.0 grams?
- i. What fraction of these baby garter snakes weigh more than 2.0 grams?

2021 – Q15

- 15 The dot plot shows the number of tickets needed for each ride at a carnival.



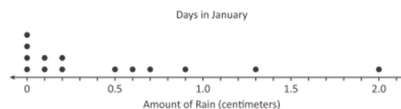
What is the difference between the number of rides that need fewer than 4 tickets and the number of rides that need 4 or more tickets?

- A 7
B 2
C 9
D 4

*Correct Answer (A)

Module 6 Lesson 14 Exit Ticket

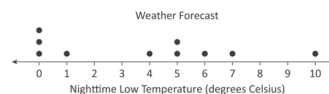
Brett measures the amount of rain each day during the first 14 days of January. The dot plot represents the amount of rain in centimeters.



- a. How many days during the first 14 days of January had no rain?
- b. What fraction of the days had less than half of a centimeter of rain?
- c. On January 15, Brett measures 1.8 cm of rain. Add a dot for this rainfall amount to the dot plot.

Module 6 Lesson 15 Application Problem

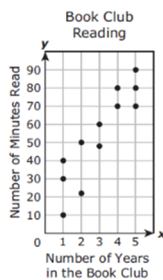
Lucy's science teacher says the weather is forecast to be very cold for the next few days. The teacher shows the class a dot plot of the upcoming nighttime low temperatures.



- a. How many days are represented in the dot plot?
10
- b. Describe any clusters in the dot plot.
The data seem to form two main clusters. There is a group of nights with temperatures at freezing or nearly freezing, or around 0°C. There is another group of nights with temperatures between 4°C and 7°C. The warmest night, 10°C, is separated from this group.
- c. What is a typical nighttime low temperature in this forecast?
I think 4°C is a typical low temperature because it looks like it is in the middle of the data.
- d. What is the temperature difference between the warmest and coldest nights?
10°C

2021 – Q35

- 35 The scatterplot shows the number of minutes each student in a book club read during a week and the number of years the student has participated in the book club.



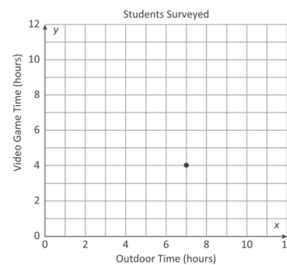
What is the total number of minutes read by the students who have participated in the book club for 4 or 5 years?

- A 450
B 390
C 90
D 80

*Correct Answer (B)

Module 6 Lesson 17 Homework

1. Students were surveyed about the numbers of hours they spent last week doing outdoor activities and playing video games. The scatterplot shows the data for one of the students.
- a. What does the point on the scatterplot represent?



- b. Use the table to complete the scatterplot for the other students who were surveyed.

Student	A	B	C	D	E	F	G	H	I	J	K
Outdoor Hours, x	10	1	10	5	1	8	2	0	6	5	2
Video Game Hours, y	0	5	5	4	10	1	7	0	0	3	1

- c. Did the student who spent the greatest number of hours playing video games last week also spend the fewest number of hours outdoors?

