Our Lady of the Snows Catholic Academy

"Turning today's learners into tomorrow's leaders"

Entering 6th Grade September 2023

"Summer Reading Assignments will count towards the Trimester 1 Report Card"

Required Reading

Escape from Mr. Lemoncello's Library by Chris Grabenstein

Percy Jackson & the Olympians: The Lightning Thief by Rick Riordan

Test

A written test will be given on Escape from Mr. Lemoncello's Library in class during the second week of school. It will have multiple choice, short response questions and a long response question. Prepare yourself by reading the book closely and taking notes.

Book Report

A Book Report on Percy Jackson & the Olympians: The Lightning Thief must be completed and ready to be collected Friday, September 8, 2023.

The book report will consist of two major components:

1. Summary of the book in your own words
    A. Include all major details
    B. Use the 5 W's to help you write your summary (Who What Where When Why)
2. Review the book
    A. What was your favorite or least favorite part? Why?
    B. Who was your favorite or least favorite character? Why?
    C. Would you recommend this book to others? Why or why not?
    D. Make sure to reference specific parts in the book to help support your review

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This book report should be typed with the following format:

-Double spaced

-12-point font size

-Arial, Times New Roman or Calibri Font

-School Heading (shown below)

-The start of each new paragraph should be indented

School heading

Student's First & Last Name

OLSCA

September 2023

6th Grade ELA

Summer Book Report

Be sure to include both major components in your book report along with proper grammar and spelling. These, along with the above format will count in grading your assignment.

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Entering 6th Grade September 2023

KEEP
CALM
BECAUSE
6th GRADE
ROCKS

As students prepare to begin 6thgrade, they must be proficient in knowing their basic skills. Most concepts build on these skills and students will be at a great disadvantage if they do not practice and master them throughout the Summer. Students MUST enter the 6th grade school year proficient in:

- ❑ Multiplying and Dividing two and three digit numbers
- ❑ Multiplication: Times Tables Memorized (1-12)
- ❑ Identifying Fractions & Decimals
- ❑ Adding & Subtracting Fractions & Decimals
- ❑ Reading/Understanding how to solve word problems

Over the summer, you can practice by completing the summer packets. Your assessments will be checked once we begin school in September.

Please memorize your multiplication facts! Students should be able to recite the multiplication facts within 3 seconds. This will help with 6thGrade Math fluency skills.

Extra Practice: This website is great for printing worksheets for extra practice. I use them throughout the year as well. You can search by grade level and standard.

https://www.commoncoresheets.com/SortedByGrade.php?Sorted=4oa1

Sincerely,
Sixth Grade Teachers

Choose the correct answer.

1. Dan's science magazine has a mass of 256.674 grams. What is the mass of his magazine rounded to the nearest tenth?

Ⓐ 257 grams

Ⓑ 256.6 grams

Ⓒ 256.7 grams

Ⓓ 256.67 grams

2. The middle school is 2.72 kilometers from Marsha's house and 1.54 kilometers from Ryan's house. How much farther does Marsha live from the middle school than Ryan?

Ⓐ 11.18 kilometers

Ⓑ 1.28 kilometers

Ⓒ 1.18 kilometers

Ⓓ 0.18 kilometer

3. Rico's backpack weighed 3.6 pounds. Then he added his school books which weighed an additional 24.76 pounds. How much did Rico's backpack weigh with his school books?

Ⓐ 60.76 pounds

Ⓑ 28.36 pounds

Ⓒ 27.82 pounds

Ⓓ 25.12 pounds

4. Lester and Kari are playing a number pattern game. Kari wrote the following pattern.

45.5, 49, 52.5, ____, 59.5

What is the unknown number in the pattern Kari wrote?

Ⓐ 55.5

Ⓑ 56

Ⓒ 56.5

Ⓓ 58

5. Laura rode her bike for $3\frac{5}{8}$ hours on Saturday and for $4\frac{1}{4}$ hours on Sunday. Which is the best estimate of the time Laura spent riding her bike on Saturday and Sunday?

Ⓐ about 9 hours

Ⓑ about 8 hours

Ⓒ about 7 hours

Ⓓ about 6 hours

GO ON

6. Brent has a piece of rope that is $6\frac{5}{6}$ feet long. He uses $4\frac{1}{3}$ feet of the rope to hang a tire swing. How much rope does he have left?

Ⓐ $3\frac{5}{6}$ feet

Ⓑ $3\frac{1}{2}$ feet

Ⓒ $2\frac{2}{3}$ feet

Ⓓ $2\frac{1}{2}$ feet

7. John has 3 bundles of wood weighing a total of $35\frac{3}{4}$ pounds. Two of the bundles weigh $12\frac{3}{8}$ pounds and $8\frac{1}{2}$ pounds. How much does the third bundle weigh?

Ⓐ $14\frac{7}{8}$ pounds

Ⓑ $18\frac{7}{8}$ pounds

Ⓒ $23\frac{3}{8}$ pounds

Ⓓ $27\frac{1}{4}$ pounds

8. Maria practiced for her piano recital each day for three days. The first day she practiced for $\frac{3}{4}$ hour, the second day she practiced for $1\frac{1}{2}$ hours, and the third day she practiced for $2\frac{1}{4}$ hours. By how much did she increase the time she practiced each day?

Ⓐ $\frac{1}{4}$ hour

Ⓑ $\frac{1}{2}$ hour

Ⓒ $\frac{3}{4}$ hour

Ⓓ $\frac{7}{8}$ hour

9. A fruit salad recipe calls for $\frac{3}{4}$ pound of apples and $\frac{2}{5}$ pound of dates. What is the least common denominator of the fractions?

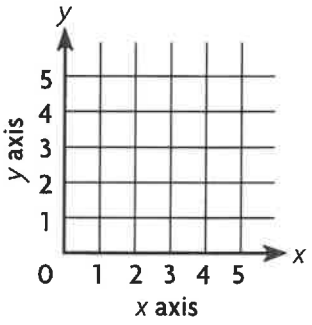
Ⓐ 16

Ⓑ 20

Ⓒ 24

Ⓓ 25

10. On a coordinate grid, Ming's house is located 2 blocks to the right and 5 blocks up from (0, 0). Joe's house is located 3 blocks to the right and 2 blocks down from Ming's house. What ordered pair describes the location of Joe's house?



Ⓐ (3, 5)

Ⓑ (3, 2)

Ⓒ (5, 3)

Ⓓ (4, 3)

GO ON

11. What is the unknown number in Sequence 2 in the chart?

Sequence Number	1	2	3	5	7
Sequence 1	7	14	21	35	49
Sequence 2	21	42	63	105	?

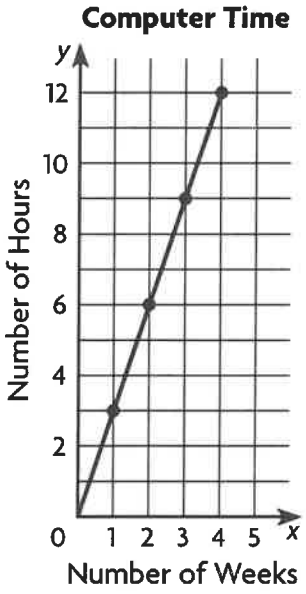
Ⓐ 126

Ⓑ 127

Ⓒ 147

Ⓓ 154

12. The graph shows the relationship between the number of weeks and the number of hours spent on the computer.



What rule relates the number of weeks to the number of hours of computer time?

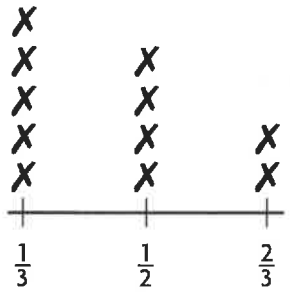
Ⓐ Multiply the number of weeks by 3.

Ⓑ Multiply the number of weeks by 2.

Ⓒ Multiply the number of weeks by $2\frac{1}{2}$.

Ⓓ Multiply the number of hours by 3.

13. Otis is cutting a long piece of wood trim into smaller pieces for an art project. The line plot shows the length of the smaller pieces of wood.



Length of Wood Pieces (in feet)

How many pieces of wood will be at **least** $\frac{1}{2}$ foot in length?

Ⓐ 9

Ⓑ 7

Ⓒ 6

Ⓓ 4

14. Adela is buying a DVD player on layaway for $210. If she makes a down payment of $30 and pays $15 each week, how many weeks will it take Adela to pay for the DVD player?

Ⓐ 10

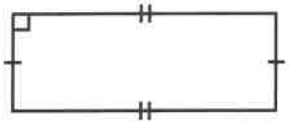
Ⓑ 12

Ⓒ 16

Ⓓ 14

GO ON

15. Tony drew a picture of his vegetable garden.



What type of polygon is Tony's vegetable garden?

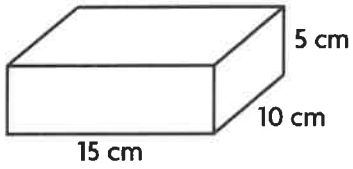
Ⓐ rectangle

Ⓑ rhombus

Ⓒ square

Ⓓ triangle

16. Kevin made a jewelry box with the dimensions shown.



What is the volume of the jewelry box?

Ⓐ 750 cubic centimeters

Ⓑ 225 cubic centimeters

Ⓒ 150 cubic centimeters

Ⓓ 75 cubic centimeters

17. The bricks Mr. Johnson used to make his patio are shaped like regular octagons. Which of the following describes a regular octagon?

Ⓐ a figure with 6 sides and 6 angles that are not congruent

Ⓑ a figure with 6 congruent sides and 6 congruent angles

Ⓒ a figure with 8 congruent sides and 8 congruent angles

Ⓓ a figure with 5 congruent sides and 5 congruent angles

18. A shipping carton in the shape of a rectangular prism has a volume of 756 cubic inches. The base area of the shipping carton is 42 square inches. What is the height of the shipping carton?

Ⓐ 15 inches

Ⓑ 18 inches

Ⓒ 19 inches

Ⓓ 28 inches

19. The Ceramic Tile Company uses 32 tiles for each counter top it makes. About how many counter tops can it make from its last shipment of 1,486 tiles?

Ⓐ 65

Ⓑ 60

Ⓒ 50

Ⓓ 40

GO ON

20. The swimming instructor has a list of 152 students who have signed up for swimming lessons. The swimming instructor can register 12 students in each class. What is the least number of classes needed for all the students to be registered in a class?

Ⓐ 12

Ⓑ 13

Ⓒ 14

Ⓓ 15

21. Kayla has a T-shirt store. She sold three times as many white T-shirts as blue T-shirts. She sold a total of 48 T-shirts. How many white T-shirts did Kayla sell?

Ⓐ 46

Ⓑ 36

Ⓒ 24

Ⓓ 12

22. The owner of a music store received a shipment of 1,532 CDs. The CDs came in 37 boxes. The same number of CDs were in 36 of the boxes. How many CDs were in the remaining box?

Ⓐ 2

Ⓑ 10

Ⓒ 20

Ⓓ 41

23. Miguel has 48 coins. Of the 48 coins, $\frac{5}{8}$ are dimes. How many of the coins are dimes?

Ⓐ 30

Ⓑ 26

Ⓒ 20

Ⓓ 18

24. Dominic spent $2\frac{3}{4}$ hours on his art project. Rachel worked $1\frac{1}{3}$ times as long on her art project as Dominic worked. For how many hours did Rachel work on her art project?

Ⓐ $2\frac{2}{3}$ hours

Ⓑ 3 hours

Ⓒ $3\frac{2}{3}$ hours

Ⓓ $4\frac{7}{12}$ hours

25. Ariana has $\frac{2}{3}$ quart of milk. She uses $\frac{3}{4}$ of it in a cookie recipe. How much milk did Ariana use in her recipe?

Ⓐ $\frac{1}{8}$ quart

Ⓑ $\frac{1}{4}$ quart

Ⓒ $\frac{1}{3}$ quart

Ⓓ $\frac{1}{2}$ quart

GO ON

26. Brian had 42 class fair tickets to sell. He sold $\frac{5}{6}$ of the tickets. How many tickets did Brian sell?

Ⓐ 40

Ⓑ 35

Ⓒ 25

Ⓓ 7

27. Zoey made $6\frac{3}{4}$ cups of fruit salad for a picnic. At the picnic, they ate $\frac{1}{3}$ of the fruit salad. How much fruit salad did they eat?

Ⓐ $1\frac{1}{4}$ cups

Ⓑ $1\frac{3}{4}$ cups

Ⓒ $2\frac{1}{4}$ cups

Ⓓ $3\frac{1}{4}$ cups

28. Hiroshi is stacking bricks to make a garden wall. There are 18 bricks in all. If each brick weighs 5.3 pounds, how much do the bricks weigh in all?

Ⓐ 9.54 pounds

Ⓑ 95.4 pounds

Ⓒ 144 pounds

Ⓓ 954 pounds

29. A 120-watt light bulb uses about 0.1 kilowatt of electricity per hour. If electricity costs $0.20 per kilowatt hour, how much does it cost to have the bulb on for an hour?

Ⓐ $0.02

Ⓑ $0.20

Ⓒ $2.00

Ⓓ $20.00

30. Jeff had reached the highest level on his new computer game. The computer reported his score as 1.35×10^5 points. How should Jeff write his score in standard form?

Ⓐ 135

Ⓑ 1,350

Ⓒ 13,500

Ⓓ 135,000

GO ON

31. Mario went on a hike with his friends. They hiked 2.24 miles an hour for 8 hours. How many miles did they hike in all?

Ⓐ 1.792 miles

Ⓑ 17.92 miles

Ⓒ 19.92 miles

Ⓓ 179.2 miles

32. There is $\frac{1}{2}$ gallon of fruit punch that will be shared equally among 5 friends. What fraction of a gallon of punch will each friend get?

Ⓐ $\frac{1}{4}$ gallon

Ⓑ $\frac{1}{5}$ gallon

Ⓒ $\frac{1}{10}$ gallon

Ⓓ $\frac{1}{12}$ gallon

33. At lunch, 8 friends share 6 sandwiches equally. What fraction of a sandwich does each friend get?

Ⓐ $\frac{3}{4}$

Ⓑ $\frac{2}{3}$

Ⓒ $\frac{1}{2}$

Ⓓ $\frac{1}{3}$

34. Luis has $\frac{5}{8}$ quart of grape juice. He pours the same amount into each of 5 glasses. Which equation represents the fraction of a quart of grape juice n that is in each glass?

Ⓐ $\frac{5}{8} \div \frac{1}{5} = n$

Ⓑ $5 \div \frac{5}{8} = n$

Ⓒ $\frac{5}{8} \div 5 = n$

Ⓓ $5 \div 8 = n$

35. Yoko evaluates $7 \div \frac{1}{6}$ by using a related multiplication expression. Which multiplication expression should she use?

Ⓐ $\frac{1}{7} \times \frac{1}{6}$

Ⓑ 7×6

Ⓒ $\frac{1}{7} \times 6$

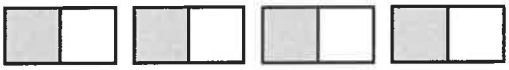
Ⓓ $7 \times \frac{1}{6}$

GO ON

36. Scott made a casserole for dinner. He gave equal portions of $\frac{1}{2}$ the casserole to 3 friends. What diagram could Scott use to find the fraction of the whole casserole that each friend got?

Ⓐ 

Ⓑ 

Ⓒ 

Ⓓ 

37. Adela rode her bicycle 18.3 miles in 5 hours. Which gives the **best** estimate of how far Adela rode in 1 hour?

Ⓐ between 5 and 6 miles

Ⓑ between 4 and 5 miles

Ⓒ between 3 and 4 miles

Ⓓ between 2 and 3 miles

38. Lauren is running in a race to raise money for her favorite charity. The total distance of the race is 12.5 miles. So far she has run $\frac{1}{10}$ of the race. How far has Lauren run?

Ⓐ 12.5 miles

Ⓑ 2.25 miles

Ⓒ 1.25 miles

Ⓓ 0.125 mile

39. Tony is making small bags of bird seed from a larger bag of bird seed that weighs 11.16 pounds. If he puts the same amount of seed in each of 6 bags, how much will each bag weigh?

Ⓐ 0.18 pound

Ⓑ 1.86 pounds

Ⓒ 1.96 pounds

Ⓓ 2.86 pounds

40. Leon bought trail mix that cost $0.78 per pound. He paid $6.24 for the trail mix. How many pounds of trail mix did he buy?

Ⓐ 8 pounds

Ⓑ 7 pounds

Ⓒ 0.8 pound

Ⓓ 0.08 pound

GO ON

41. Jordan spent a total of $14.85 on a trip to the zoo. She spent $6.50 to get into the zoo, $2.85 on snacks, and the rest on bus fares. How much did she spend on bus fares to and from the zoo?

Ⓐ $5.05

Ⓑ $5.50

Ⓒ $8.35

Ⓓ $9.35

42. A museum announces that it has just had its 1,326,871 visitor. What is the value of the digit 6 in 1,326,871?

Ⓐ 6,000

Ⓑ 60,000

Ⓒ 600,000

Ⓓ 6,000,000

43. Ricardo just received a shipment of 50 tool sheds for his garden supply store. Each shed costs him $40. Which of the following could Ricardo use to find the total amount he will pay for the tool sheds?

Ⓐ $(5 \times 4) \times 10^1 = 200$

Ⓑ $(5 \times 4) \times 10^2 = 2{,}000$

Ⓒ $(5 \times 4) \times 10^3 = 20{,}000$

Ⓓ $(5 \times 4) \times 10^4 = 200{,}000$

44. Mark's father travels 463 miles every month for his job. How many miles does he travel in 8 months?

Ⓐ 3,204 miles

Ⓑ 3,284 miles

Ⓒ 3,604 miles

Ⓓ 3,704 miles

45. Lucas and his sister Luisa are saving to buy a birthday present for their mother. The present costs $95. Lucas earns $16 per week running errands for neighbors and spends $7 of it. Luisa earns $24 per week babysitting and spends $12 of it. Which expression can be used to find how many weeks it will take to save for the present?

Ⓐ $95 \div [(16 + 7) - (24 - 12)]$

Ⓑ $95 \div [(16 + 7) - (24 + 12)]$

Ⓒ $95 \div [(16 - 7) + (24 - 12)]$

Ⓓ $95 \div [(16 - 7) + (24 + 12)]$

GO ON

46. Hoy uploaded 56 photos to his computer. He put an equal number of photos in each of 8 folders. Which multiplication sentence could Hoy use to find the number of photos in each folder?

Ⓐ $8 \times 9 = 72$

Ⓑ $8 \times 8 = 64$

Ⓒ $7 \times 8 = 56$

Ⓓ $6 \times 8 = 48$

47. Ella's home is 1,200 feet from the mall. How many yards are in 1,200 feet?

Ⓐ 300 yards

Ⓑ 400 yards

Ⓒ 450 yards

Ⓓ 600 yards

48. Mason bought 64 ounces of modeling clay. How many pounds of clay did he buy?

Ⓐ 2 pounds

Ⓑ 3 pounds

Ⓒ 4 pounds

Ⓓ 6 pounds

49. The movie started at 6:32 P.M. and ended at 9:48 P.M. How long did the movie last?

Ⓐ 2 hours 6 minutes

Ⓑ 2 hours 16 minutes

Ⓒ 3 hours 16 minutes

Ⓓ 3 hours 6 minutes

50. Ben used 325 centimeters of ribbon to trim banners he made. How many meters of ribbon did he use?

Ⓐ 0.0325 meter

Ⓑ 0.325 meter

Ⓒ 3.25 meters

Ⓓ 32.5 meters

Name _____

Write the correct answer.

1. Rodrigo placed 3 large stickers on each of 5 pages in his sticker book. Then, he placed 6 small stickers on each of the 5 pages. The expression $5 \times 3 + 5 \times 6$ shows the total number of stickers he used. Use the Distributive Property to write this expression another way.

_____

2. Abigail poured 8×10^2 milliliters of water into a beaker to use for an experiment. How is 8×10^2 written as a whole number?

_____

3. Greg has 2 baseball cards. He then buys 3 packs of baseball cards. Each pack has 5 cards. Write a numerical expression to represent how many baseball cards Greg has in all.

_____

4. There are 384 students signed up for summer camp. The students will be divided into 24 equal groups. How many students will be in each group?

_____

5. Jason's school has a goal to raise $35 each week through fundraising to purchase new playground equipment that costs $945. If the school raises $35 each week, how many weeks will it take to raise enough money to purchase the equipment?

_____

6. A blue ribbon is 38.4 centimeters long. A green ribbon is 38.19 centimeters long. Which ribbon is shorter?

_____

GO ON

Name _____

7. Greg's driveway is 10.35 meters long. Palo's driveway is 10.75 meters long. Whose driveway is longer?

_____

8. Ben wrote this expression.

$$123.4 + 520.06$$

Find the value of the expression.

_____

9. Victor has a block of wood 14.85 feet long. He cuts a piece off the block that is 8.5 feet long. How much wood is left?

_____

10. Ginny had $42.89. She spent $27 on dinner. How much money did she have left?

_____

11. A class of 18 students is making spirit flags. Each student needs 3.25 feet of rope. How much rope is needed in all?

_____

12. Beth bought an 8.5-pound bag of cat food. She also bought a bag of dog food that weighs 3.5 times as much as the bag of cat food. How much does the bag of dog food weigh?

_____

GO ON

Name _____

13. If gasoline costs $3.96 per gallon, how much does 0.5 gallon of gas cost?

_____

14. Sumaya is multiplying 0.7 by 0.003. How many zeros will be to the right of the decimal point in the product?

_____

15. Neil used mental math to find the quotient 1.89 ÷ 100. What is the quotient?

_____

16. Alicia wrote this expression.

28 ÷ 1,000

Find the value of the expression.

_____

17. There are 69 kilograms of green grapes. If the grapes are separated into 25 equal groups, how many kilograms of grapes will be in each group?

_____

18. Denise has 219 inches of jewelry wire that she cut into 15 equal pieces to make necklaces. How long is the piece of wire she will use for each necklace?

_____

19. A recipe calls for $\frac{1}{2}$ cup chopped nuts. Write an equivalent fraction for $\frac{1}{2}$.

_____

GO ON

Name _____

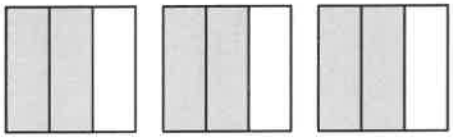
20. Kyle painted $\frac{2}{5}$ of the door red and $\frac{1}{2}$ of the door blue. How much of the door did Kyle paint?

_____

21. How much greater is $\frac{6}{7}$ than $\frac{3}{4}$?

_____

22. Write the multiplication expression shown by the figure. Then find the product.



_____

23. A driveway is $\frac{2}{5}$ kilometer long. Omar walks $\frac{1}{3}$ of the driveway. How far does Omar walk?

_____

24. Trent has 5 oranges. He divides each orange into sixths. How many pieces does he have?

_____

25. There is only $\frac{3}{4}$ cup of ice cream left. If 3 friends share the ice cream equally, how much will each friend get?

_____

26. Martin has 5 inches of yarn to use in a craft project. How many $\frac{1}{4}$-inch pieces can he make from the yarn?

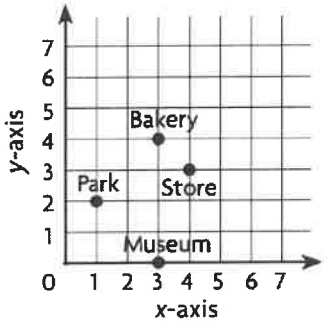
Write an equation for this situation.

_____

GO ON

Name _____

Use the coordinate grid for 27–29.



27. What ordered pair describes the location of the park?

_____

28. What ordered pair describes the location of the store?

_____

29. Mr. Waters walks from the bakery to the museum. How far does he walk?

_____

30. How many feet are there in 60 inches?

_____

31. Tory has a scarf that is 72 inches long. How long is the scarf in yards?

_____

32. Darryl has 18 cups of fruit punch. How many pints of fruit punch does Darryl have?

_____

33. Tamara bought one quart of juice. She drank one pint of the juice. How many cups of juice are left?

_____

GO ON

Name _____

34. Hannah's baby sister weighed exactly 8 pounds when she was born. She has gained 7 ounces since then. How many ounces does she weigh now?

_____

35. Main Street is 4,300 meters long. What is the length of Main Street in kilometers?

_____

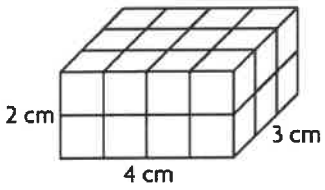
Key: 1 meter = 0.001 km

36. Andrew has 6.5 kilograms of potatoes. How many grams of potatoes does he have?

_____

Key: 1 kg = 1000 g

37. Maria built this figure.



Multiply to find the volume of Maria's figure.

_____

Key: V = lwh

38. What is the volume of a cube with a side length of 9 inches?

_____

Key: V = side × side × side

39. Ben is using a box to pack old clothes. The base of the box is 1 foot by 1 foot, and the height is 2 feet. What is the volume of the box?

_____

40. The area of the base of a rectangular prism is 16 square inches. What is the volume if the height of the prism is 5 inches?

_____