

5th

Part II

Daily Assignment Planner

Grps 2&3/26

Day 1 1. Using Parentheses, Brackets, and Braces (2 Pages)	Day 2 1. Patterns 2. Patterns and Coordinates	Day 3 1. Understanding Place Value 2. Powers of 10	Day 4 1. Writing Decimals in Expanded Form 2. Comparing Decimals (#s 1-6)	Day 5 1. Comparing Decimals (#s 1-5) 2. Multiplication
Day 6 1. Multiplication Word Problems 2. Division	Day 7 1. Adding and Subtracting Decimals 2. Multiplying and Dividing Decimals	Day 8 1. Adding and Subtracting Fractions 2. Fraction Word Problems	Day 9 1. Division Word Problems with a Fraction Connection 2. Multiplying Fractions	Day 10 1. Areas of Rectangles 2. Comparing Multiplication Products Involving Fractions
Day 11 1. Multiplying with Fractions: Real World Problems 2. Multiplying with Fractions and Mixed Numbers	Day 12 1. Dividing Fractions by Whole Numbers 2. Dividing Whole Numbers by Fractions	Day 13 1. Converting Measurement 2. Converting Measurement in Real World Problems	Day 14 1. Fractions on a Line Plot 2. Volume	Day 15 1. Volume 2. Additive Volume

Love and miss you! You've got this! Mrs. Ramey

Using Parentheses, Brackets and Braces

Name: _____ Date: _____

Solve:

① $2 \times [5 + (3 \times 2)] =$

② $[5 + (3 \times 2)] =$

③ $11 + [(4 + 7) \times 3] =$

④ $12 - (0.4 \times 2) =$

⑤ $\{[2 \times (3+5)] - 9\} + [5 \times (23-18)]$

Using Parentheses, Brackets and Braces

Name: _____ Date: _____

1 Compare $10 \times 4 + 5$
and $10 \times (4 + 5)$.

2 Compare $27 - 6 + 7$
and $27 - (6 + 7)$.

3 Add parentheses to
make this true.
 $15 - 6 - 3 = 12$

4 Add parentheses and
brackets to make this true.
 $3 \times 100 \div 20 + 5 = 20$

5 Explain how the use of parentheses in an equation
affects the answer.

Patterns

Name: _____ Date: _____

The pattern for the top row is start at zero and add 3.

The pattern for the bottom row is start at zero and add 6.

Fill in all of the numbers

0			9	X		18	
0		12		Y	30		

1. What number goes in the box labeled X?

- A. 12
- B. 30
- C. 15

2. What number goes in the box labeled Y?

- A. 24
- B. 28
- C. 36

3. What is the relationship between the top number and the bottom number?

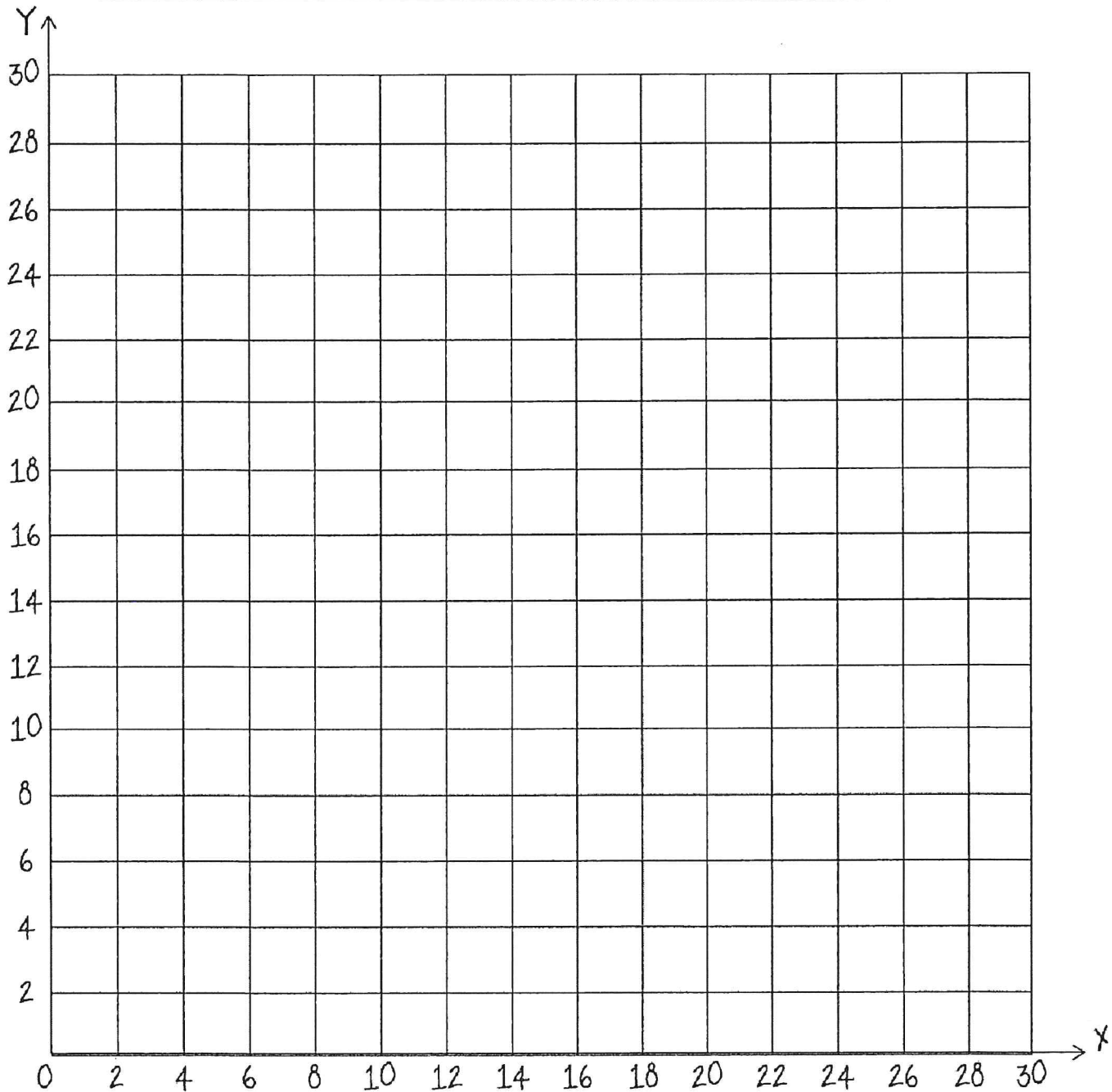
- A. The bottom number is 6 more than the top number.
- B. The top number is 6 more than the bottom number.
- C. The bottom number is double the top number.

Patterns and Coordinates

Name: _____ Date: _____

Create coordinate pairs from the table and graph them on the grid.

X	0	3	6	9	12	15	17
Y	0	2	4	6	8	10	12



Understanding Place Value

Name: _____ Date: _____

A. 7,825 B. 8,713

1. Which statement is true about the numbers?

- A. The 7 in the number labeled A is 10 times bigger than the 7 in the number labeled B.
- B. The 7 in the number labeled A is $\frac{1}{10}$ the amount of the 7 in the number labeled B.
- C. The 7 in the number labeled A is the same amount as the 7 in the number labeled B.

2. Which statement is true about the numbers?

- A. The 8 in the number labeled A is 10 times bigger than the 8 in the number labeled B.
- B. The 8 in the number labeled A is $\frac{1}{10}$ the amount of the 8 in the number labeled B.
- C. The 8 in the number labeled A is the same amount as the 8 in the number labeled B.

A. 36,827.541 B. 26,389.715

3. Which statement is true about the numbers?

- A. The 7 in the number labeled A is 10 times bigger than the 7 in the number labeled B.
- B. The 7 in the number A is $\frac{1}{10}$ the amount of the 7 in the number labeled B.
- C. The 7 in the number A is the same amount as the 7 in the number labeled B.

4. Which statement is true about the numbers?

- A. The 1 in the number A is 10 times bigger than the 1 in the number labeled B.
- B. The 1 in the number A is $\frac{1}{10}$ the amount of the 1 in the number labeled B.
- C. The 1 in the number A is the same amount as the 1 in the number labeled B.

5. Which statement is true about the numbers?

- A. The 6 in the number A is 10 times bigger than the 6 in the number labeled B.
- B. The 6 in the number A is $\frac{1}{10}$ the amount of the 6 in the number labeled B.
- C. The 6 in the number A is the same amount as the 6 in the number labeled B.

Powers of 10

Name: _____ Date: _____

$35 \times 10 =$

$35 \times 100 =$

$35 \times 1,000 =$

$9.12 \times 10 =$

$9.12 \times 100 =$

$9.12 \times 1,000 =$

$12 \times 10^1 =$

$12 \times 10^2 =$

$12 \times 10^3 =$

$0.007 \times 10^1 =$

$0.007 \times 10^2 =$

$0.007 \times 10^3 =$

*Explain the pattern you can use to find the product when multiplying a whole number by a power of 10.

*Explain the pattern you can use to find the product when multiplying a decimal by a power of 10.

$480 \div 10 =$

$480 \div 100 =$

$480 \div 1,000 =$

$25.4 \div 10 =$

$25.4 \div 100 =$

$25.4 \div 1,000 =$

$6,194 \div 10^1 =$

$6,194 \div 10^2 =$

$6,194 \div 10^3 =$

$19.31 \div 10^1 =$

$19.31 \div 10^2 =$

$19.31 \div 10^3 =$

*Explain the pattern you can use to find the quotient when dividing a whole number by a power of 10.

*Explain the pattern you can use to find the quotient when dividing a decimal by a power of 10.

Writing Decimals in Expanded Form

Name: _____ Date: _____

Write each decimal in expanded form.

1

7.392

2

617.186

3

518.31

4

0.019

5

1.743

6

136.580

Comparing Decimals

Name: _____ Date: _____

Complete the comparison with $>$, $=$, or $<$.

1

0.526 0.572

2

0.31 0.310

3

0.709 0.81

4

3.96 3.765

5

0.300 0.296

6

0.9 0.263

Comparing Decimals

Name: _____ Date: _____

Put the decimals in order from least to greatest.

1

0.789, 0.716, 0.70

2

11.3, 11.125, 11

Put the decimals in order from greatest to least.

3

0.68, 0.87, 0.63

4

3.97, 3.99, 3.9

5

Five friends ran a race. Their finishing times were 12.871, 12.71, 12.178, 12.781. Put their times in order from least to greatest.

Multiplication

Name: _____ Date: _____

Work Space

1

$$\begin{array}{r} 247 \\ \times 51 \\ \hline \end{array}$$

2

$$\begin{array}{r} 6,313 \\ \times 67 \\ \hline \end{array}$$

3

$$\begin{array}{r} 247 \\ \times 331 \\ \hline \end{array}$$

4

$$\begin{array}{r} 5,247 \\ \times 5 \\ \hline \end{array}$$

Multiplication Word Problems

Name: _____ Date: _____

- 1 A bakery has 245 dozen cupcakes. How many individual cupcakes are there?

- 2 A grocery store boxes oranges in cartons of 36 each. They have received 156 cartons this year. How many total oranges has the store received this year?

- 3 Ms. Franklin is making her class budget for supplies. She needs 62 packs of expo markers. If each pack costs \$12, how much will her total be for expo markers?

Division

Name: _____ Date: _____

1.) $368 \div 8 =$

2.) $819 \div 13 =$

3.) $6,636 \div 84 =$

4.) $3,986 \div 7 =$

Adding And Subtracting Decimals

Name: _____ Date: _____

Solve the problems below. Show your work!

1.) $456.72 + 83.68 =$

2.) $426.78 + 38.19 =$

3.) $632.78 - 29.48 =$

4.) $263.85 - 87.68 =$

Multiplying and Dividing Decimals

Name: _____ Date: _____

Solve the problems. Show your work!

1.) $4.37 \times 0.13 =$

2.) $36.82 \times 0.96 =$

3.) $88.82 \div 18 =$

4.) $9.66 \div 2.3 =$

Adding and Subtracting Fractions

Name: _____ Date: _____

Solve each problem by changing the fractions to equivalent fractions with the same denominator.

1

$$\frac{3}{4} + \frac{1}{2} =$$

2

$$5\frac{1}{4} + 1\frac{3}{8} =$$

3

$$\frac{3}{7} - \frac{1}{21} =$$

4

$$2\frac{1}{4} - \frac{3}{10} =$$

5

There is an ice cream cake in the freezer. On Monday, the family eats $\frac{1}{2}$ of the cake. On Wednesday, they eat $\frac{1}{4}$ of the cake.

How much did the family eat altogether?

How much of the cake is left?

Fraction Word Problems

Name: _____ Date: _____

Work Space

1. My sister and I ate some of a chocolate bar. She ate $\frac{3}{5}$ of it and I ate $\frac{1}{10}$ of it. How much of the chocolate bar did we eat?

- A. $\frac{1}{2}$ of a chocolate bar
- B. $\frac{7}{10}$ of a chocolate bar
- C. $\frac{4}{15}$ of a chocolate bar

2. My dad was painting our living room. He started with $\frac{5}{9}$ of a can of paint. He used $\frac{1}{3}$ of the can. How much paint did he have left?

- A. $\frac{2}{9}$ of a can of paint
- B. $\frac{1}{2}$ of a can of paint
- C. $\frac{2}{3}$ of a can of paint

3. Jennie spent $\frac{1}{3}$ of her allowance on a new book and $\frac{2}{5}$ of her allowance on some pencils. How much of her allowance did she spend?

- A. $\frac{2}{15}$ of her allowance
- B. $\frac{3}{8}$ of her allowance
- C. $\frac{11}{15}$ of her allowance

Division Word Problems with a Fraction Connection

Name: _____ Date: _____

1.) I bought 70 pounds of meat to share equally between 6 families. How many pounds of meat will each family receive?

2.) I have 92 feet of rope that I need to share equally between 8 people. How many feet of rope will each person receive?

3.) The pizza shop delivered 150 slices of pizza for a class of 27 people. How many pieces of pizza will each student get to eat?

4.) We brought 50 gallons of water on our four-wheeling camping trip. If 14 people go on the trip, how much water will each camper get to drink during the trip?

5.) Create a story problem for this division problem.

$$208 \div 10$$

Multiplying Fractions

Name: _____ Date: _____

Use the models to solve the below problems:

1.) $3 \times \frac{2}{3} =$

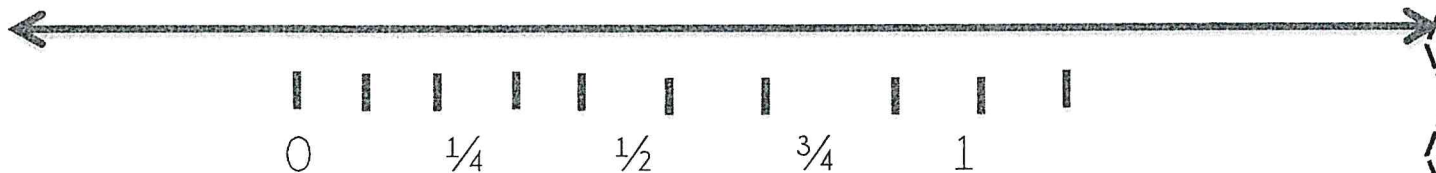


2.) $\frac{1}{2} \times \frac{1}{4} =$



3.) Use the number line to solve this problem:

$\frac{2}{3} \times \frac{3}{4} =$



Use any method you like to solve these problems: (Show your work.)

4.) $\frac{1}{6} \times 4 =$

5.) $\frac{1}{2} \times \frac{2}{10} =$

Areas of Rectangles

Name: _____ Date: _____

1.) A gardener digs a flower bed that is 8 meters long and $\frac{1}{2}$ meter wide. What is the area of the flower bed?

2.) Sam's bathroom is 12 feet long and $14\frac{1}{2}$ feet wide. What is the area of Sam's bathroom?

3.) A rectangular swimming pool measures 15 meters by $7\frac{1}{4}$ meters. What is the area of the swimming pool?

4.) Find the area of the rectangle.



Comparing Multiplication Products Involving Fractions

Name: _____ Date: _____

1. Circle the fraction smaller than 1: $\frac{9}{5}$ $\frac{3}{5}$

2. Circle the fraction greater than 1: $\frac{1}{2}$ $\frac{4}{2}$

3. Describe what happens to a whole number when you multiply it by a fraction smaller than 1. Example: $6 \times \frac{1}{4}$

4. Describe what happens to a whole number when you multiply it by a fraction greater than 1. Example: $8 \times \frac{8}{4}$

5. Without solving the problem, determine which problem would have a larger product. Explain your reasoning.

$$5 \times \frac{6}{3} \text{ or } 5 \times \frac{1}{3}$$

Multiplying with Fractions: Real World Problems

Name: _____ Date: _____

1.) Shadrica had 6 feet of wrapping paper. She used $\frac{3}{5}$ of the paper to wrap some gifts. How much does she have left?

2.) Maxwell ran 4 days last week. He ran $\frac{3}{8}$ of a mile each day. How far did he run in all?

3.) Alex has $\frac{3}{6}$ of a gallon of paint. He plans to use some of it. How much paint will he have remaining if he uses $\frac{2}{3}$ of it?

4.) Tom finished a job in $\frac{3}{4}$ of an hour. Jorge finished the same job in $\frac{4}{5}$ of the time it took Tom. How long did Jorge take to finish the job?

5.) Jessica bought 8 roses for her mother. $\frac{3}{4}$ of the roses were pink. How many pink roses were there?

Multiplying with Fractions and Mixed Numbers

Name: _____ Date: _____

1.) Solve. Show your work.

$$\frac{1}{2} \times 6\frac{1}{4}$$

2.) Solve. Show your work.

$$2\frac{3}{4} \times \frac{1}{2}$$

3.) Last night, Raquel read for $2\frac{1}{4}$ hours. Mia spent $\frac{1}{2}$ as many hours as Raquel reading. How many hours did Mia spend reading?

4.) Aunt Jan made strawberry and grape jelly. She made $\frac{3}{4}$ of a cup of strawberry. She made $4\frac{1}{2}$ times as much as grape jelly as strawberry jelly. How many cups of grape jelly did she make?

Dividing Fractions by Whole Numbers

Name: _____ Date: _____

Solve each word problem. Use the rectangle models to help you.

1.) The day after a party, $\frac{1}{2}$ of the cake remains. If 4 people share the rest of the cake equally, what fraction of the cake does each person get?



2.) A gallon jug of water is $\frac{1}{4}$ full. If 2 children equally share the water, what fraction of the jug does each child get?



3.) Create a story problem for each of the following problems and solve.

$$\frac{1}{4} \div 6$$

$$\frac{1}{3} \div 3$$

Dividing Whole Numbers by Fractions

Name: _____ Date: _____

Solve each word problem. Show your work.

1.) A piece of wood is 8 feet long. How many pieces of wood can be cut from the 8 ft. piece of wood if each piece is to be $\frac{1}{4}$ of a foot?

2.) Jessica is running a 10 mile marathon. There are check points every $\frac{1}{2}$ of a mile. How many check points are there in the race?

3.) Jacob is bringing 12 sandwiches to a luncheon with a large group of people. He plans to cut each sandwich into thirds. How many $\frac{1}{3}$ size pieces will he have?

4.) Create a story problem for each of the following problems and solve.

$$12 \div \frac{1}{4}$$

$$6 \div \frac{1}{3}$$

Converting Measurement

Name: _____ Date: _____

- 1 A hike is 8 kilometers.
How many **meters** is
the hike?

_____ meters

- 2 A construction worker
has a piece of wood
that is 8 feet long.
How long is the
wood in **inches**?

_____ inches

- 3 A newborn baby
weighs 128 ounces.
How much does the
baby weigh in
pounds?

_____ pounds

- 4 A party planner makes
50 pints of punch.
How many **cups** of
punch has she made?

_____ cups

- 5 Jillian's brother weighs
30 kg. How many
grams does he weigh?

_____ grams

- 6 The length of a
sandbox is 6 feet.
How many **yards** long
is the sandbox?

_____ yards

Converting Measurement in Real World Problems

Name: _____ Date: _____

- 1 A baby elephant weighed 251 lbs. when it was born. If the baby elephant gains 48 ounces a day, how much will she weigh at the end of 5 days?

_____ pounds

- 2 My family drinks an average of 3.4 gallons of milk every week. I kept this record over 5 weeks. How many **cups** of milk did my family drink while I was keeping records?

_____ cups

- 3 The bug company had 5 liters of bug spray. On Tuesday they used 2.7 liters of it. How many **milliliters** of bug spray do they have left?

_____ milliliters

- 4 If a piece of cardboard is 6 inches long and I line up 110 of them, what would be the length of my row in **feet**?

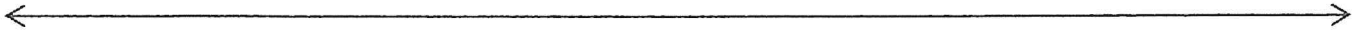
_____ feet

Fractions on a Line Plot

Name: _____ Date: _____

Record the following numbers on a line plot:

$4\frac{1}{2}$, $3\frac{1}{4}$, 5, $2\frac{1}{2}$, $3\frac{1}{4}$, $4\frac{1}{2}$, $3\frac{1}{4}$, $1\frac{3}{4}$, 5, $2\frac{1}{2}$, $1\frac{3}{4}$, $1\frac{3}{4}$



A gardener had 10 sacks containing the following amounts of soil:

$\frac{1}{2}$ lb, $3\frac{1}{4}$ lb, $1\frac{1}{2}$ lb, $2\frac{1}{2}$ lb, 5 lb, $3\frac{1}{4}$ lb, $4\frac{1}{4}$ lb, 5 lb, $2\frac{1}{2}$ lb, $3\frac{1}{4}$ lb

Plot the measurements on a line plot.

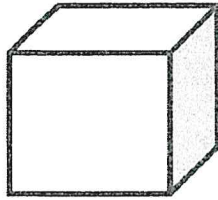


If the gardener redistributed the soil equally among the ten bags, how much soil would be in each bag? Explain your thinking.

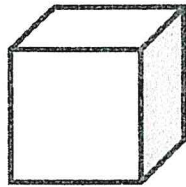
Volume

Name: _____ Date: _____

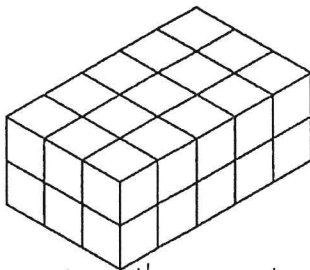
1.) The length of this cube is one centimeter. What is the volume of the cube?



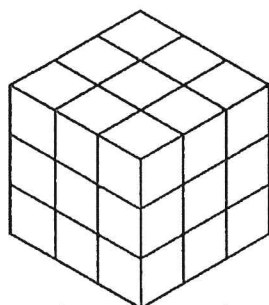
2.) This cube is made from 36 smaller cubes that each have the volume of one cubic meter. What is the volume of the larger cube?



3.) Examine the rectangular prism below. Each small cube is 1 cubic inch. What is the volume of the shape?



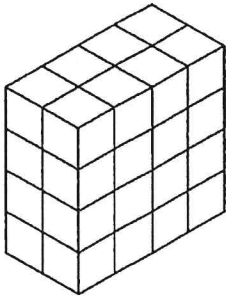
4.) Examine the rectangular prism below. Each cube is 2 cubic miles. What is the volume of the shape?



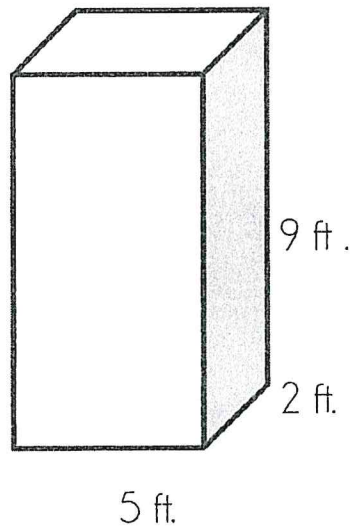
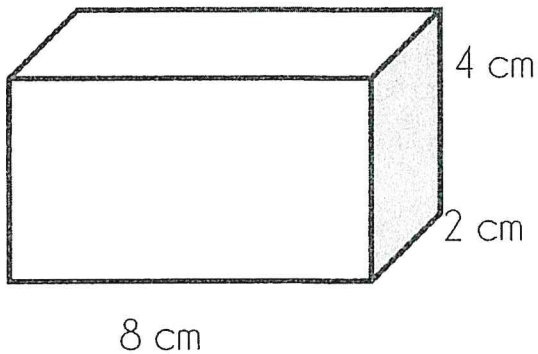
Volume

Name: _____ Date: _____

Name and describe two strategies that you could use to find the volume of this rectangular prism.



Find the volume.



Miriam has a treasure box with a base of 12 inches by 4 inches. The height is 8 inches. What is the volume of her treasure box?

A 2nd grade class has a fish tank that is 25 inches long, 12 inches wide, and 15 inches deep. What volume of water can the tank hold?

Additive Volume

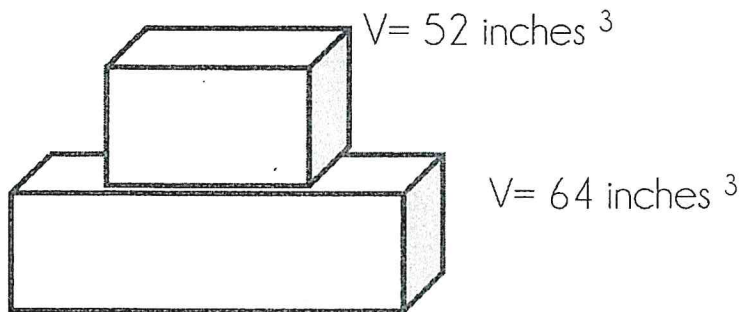
Name: _____ Date: _____

1. A cake maker made a wedding cake with two layers.

- The bottom layer: base = 64 inches^2 $h = 2 \text{ inches}$
- The top layer: base = 36 inches^2 $h = 2 \text{ inches}$

What was the total volume of the cake?

2. What is the total volume of the figure below?



3. A student stacks 3 right rectangular prisms on top of each other.

- The bottom shape: $L = 22 \text{ cm}$. $W = 4 \text{ cm}$. $H = 5 \text{ cm}$.
- The middle shape: $L = 18 \text{ cm}$. $W = 4 \text{ cm}$. $H = 6 \text{ cm}$.
- The top shape: $L = 12 \text{ cm}$. $W = 2 \text{ cm}$. $H = 8 \text{ cm}$.

What is the total volume of the student's shapes?

4. Explain the steps you would take to find the total volume of a stack of 4 rectangular prisms.
