4.95
5.46

40.0
22.3

6th Grade Summer Math Review

.09 .7 = 42 .06 =

This packet belongs to:

_____

Keep up your math skills by spending time on math this summer.

Name _____ Summer Review # 1

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
95.2 + 5.17 =	95.2 - 5.17 =	95.2 × 5.1 =	91.8 ÷ 5.1 =

Write a positive value for n that makes this statement true: $1 \times n$ is less than 1 but greater than 0. ☐

Which equation has the same unknown value as 425 ÷ 25 = ☐?

(A) 425 × ☐ = 25
(B) ☐ ÷ 425 = 25
(C) 25 × ☐ = 425
(D) ☐ ÷ 25 = 425

Which expression is equal to $\frac{7}{8}$?

(A) 7 ÷ 8
(B) 8 × 7
(C) 8 ÷ 7
(D) 7 × 8

Which expression correctly shows the sum of the product of 8 and 5 and the difference of 25 and 12?

(A) 8 + (5 × 25) - 12
(B) (8 × 5) + (25 - 12)
(C) (8 × 5) - (25 + 12)
(D) 8 - (5 × 25) + 12

Sarah is using a calculator to multiply 3245 and 20. She enters 3245 × 200 by mistake. What can Sarah do to correct her mistake?

(A) add 180 to the product
(B) subtract 180 from the product
(C) Multiply the product by 10
(D) Divide the product by 10

Name _____ Summer Review # 2

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$5\frac{1}{3} + 2\frac{1}{2} =$	$5\frac{1}{3} - 2\frac{1}{2} =$	$\frac{2}{3} \times \frac{1}{2} =$	$10 \div \frac{1}{2} =$

Write the product. 2468×23

A rectangular prism has a volume of 60 cubic units. The length is 4 units. The width is 3 units. What is the height?

(A) 4 units
(B) 5 units
(C) 15 units
(D) 20 units

There are 8 social studies books on the back table. This is $\frac{1}{3}$ of the total number of social studies books in the classroom.
Write the total number of Social Studies books in the classroom.

Brianna's family drove $4\frac{3}{10}$ miles to the gas station. Then they drove $3\frac{40}{100}$ miles from the gas station to the restaurant for dinner.

Which expression can be used to determine the number of miles Brianna's family drove altogether?

(A) $7 + \frac{120}{1000}$
(B) $4 + 3 + \frac{43}{110}$
(C) $7 + \frac{3}{100} + \frac{40}{100}$
(D) $4 + 3 + \frac{30}{100} + \frac{40}{100}$

Name _____ Summer Review # 3

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
532.12 + 50.2 =	532.12 - 50.2 =	532.12 × 50.2 =	532.12 ÷ 50.2 =

Write a positive value for ***n*** that makes this statement true: $2 \times n$ is less than 6 but greater than 4. ☐

Which equation has the same unknown value as 594 ÷ 33 = ☐?

Ⓐ 33 × ☐ = 594
Ⓑ ☐ ÷ 594 = 33
Ⓒ 594 × ☐ = 33
Ⓓ ☐ ÷ 33 = 594

Which expression is equal to $\frac{8}{12}$?

Ⓐ 12 ÷ 8
Ⓑ 8 × 12
Ⓒ 8 ÷ 12
Ⓓ 12 × 8

Which expression correctly shows the sum of the product of 7 and 8 and the difference of 28 and 14?

Ⓐ 7 + (8 × 28) - 14
Ⓑ (7 × 8) - (28 +14)
Ⓒ (7 × 8) + (28 -14)
Ⓓ 7 - (8 × 28) + 14

Anna is using a calculator to multiply 3245 and 200. She enters 3245 × 20 by mistake. What can Anna do to correct her mistake?

Ⓐ subtract 180 from the product
Ⓑ add 180 to the product
Ⓒ Multiply the product by 10
Ⓓ Divide the product by 10

Name _____ Summer Review # 4

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$6\frac{3}{8} + 1\frac{2}{5} =$	$6\frac{3}{8} - 1\frac{2}{5} =$	$6\frac{3}{8} \times 1\frac{2}{5} =$	$6 \div 1\frac{2}{5} =$

Write the product. 8642×14

A rectangular prism has a volume of 60 cubic units. The length is 5 units. The width is 3 units. What is the height?

(A) 4 units
(B) 5 units
(C) 15 units
(D) 20 units

There are 16 science books on the back table. This is $\frac{2}{3}$ of the total number of science books in the classroom.
Write the total number of science books in the classroom.

Sean's family drove $5\frac{2}{10}$ miles to the hardware store. Then they drove $7\frac{70}{100}$ miles from the hardware store to the he pet store.

Which expression can be used to determine the number of miles Sean's family drove altogether?

(A) $12 + \frac{140}{1000}$
(B) $5 + 7 + \frac{72}{110}$
(C) $5 + 7 + \frac{20}{100} + \frac{70}{100}$
(D) $12 + \frac{2}{100} + \frac{70}{100}$

Name _____ Summer Review # 5

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
612.36 + 75.6 =	612.36 - 75.6 =	612.36 × 75.6 =	612.36 ÷ 75.6 =

Write a positive value for n that makes this statement true: $4 \times n$ is less than 12 but greater than 8. ☐

Which equation has the same unknown value as 585 ÷ 15 = ☐ ?

Ⓐ 15 × 585 = ☐
Ⓑ 585 ÷ ☐ = 15
Ⓒ 585 × ☐ = 15
Ⓓ ☐ ÷ 15 = 585

Which expression is equal to $\frac{10}{15}$?

Ⓐ 15 ÷ 10
Ⓑ 10 ÷ 15
Ⓒ 10 × 15
Ⓓ 15 × 10

Which expression correctly shows the sum of the product of 6 and 10 and the difference of 40 and 15?

Ⓐ 6 + (10 × 40) - 15
Ⓑ (6 × 10) - (40 + 15)
Ⓒ 6 - (10 × 40) + 15
Ⓓ (6 × 10) + (40 - 15)

Izzy is using a calculator to multiply 4627 and 30. She enters 4627 × 300 by mistake. What can Izzy do to correct her mistake?

Ⓐ add 270 to the product
Ⓑ subtract 270 from the product
Ⓒ Multiply the product by 10
Ⓓ Divide the product by 10

Name _____ Summer Review # 6

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$8\frac{3}{4} + 3\frac{4}{5} =$	$8\frac{3}{4} - 3\frac{4}{5} =$	$8\frac{3}{4} \times 3\frac{4}{5} =$	$8 \div 3\frac{4}{5} =$

Write the product. 5876×23

A rectangular prism has a volume of 100 cubic units. The length is 5 units. The width is 4 units. What is the height?

Ⓐ 4 units
Ⓑ 5 units
Ⓒ 15 units
Ⓓ 20 units

There are 8 cupcakes on a plate. This is $\frac{1}{4}$ of the total number of cupcakes in the kitchen.
Write the total number of cupcakes in the kitchen.

Stephany's family drove $50\frac{4}{10}$ miles to Mount Rainer. Then they drove $25\frac{80}{100}$ miles from Mount Rainer to a new hotel.

Which expression can be used to determine the number of miles Stephany's family drove altogether?

Ⓐ $75 + \frac{320}{1000}$
Ⓑ $50 + 25 + \frac{40}{100} + \frac{80}{100}$
Ⓒ $50 + 25 + \frac{84}{110}$
Ⓓ $75 + \frac{4}{100} + \frac{80}{100}$

Name _____ Summer Review # 7

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
733.05 + 9.05 =	733.05 - 9.05 =	733.05 x 9.05 =	733.05 ÷ 9. =

Round to the nearest tenths.

351.015 _____ 832.304 _____ 270.697 _____

Which equation has the same unknown value as $12 \times \square = 420$?

(A) $12 \times 420 = \square$

(B) $420 \div \square = 12$

(C) $420 \times \square = 12$

(D) $\square \div 12 = 420$

Which fraction is equal to $52 \div 5$?

(A) $\frac{10}{5}$

(B) $10\frac{3}{5}$

(C) $10\frac{2}{5}$

(D) $9\frac{4}{5}$

Mr. Johnson is buying popsicles for his class as a treat. He has 25 students. A box of 20 tropical popsicles costs $4.59. While a box of 18 Firecracker popsicles costs $3.97. How much will he save buying 2 boxes of Firecracker popsicles instead of 2 boxes of tropical popsicles ?

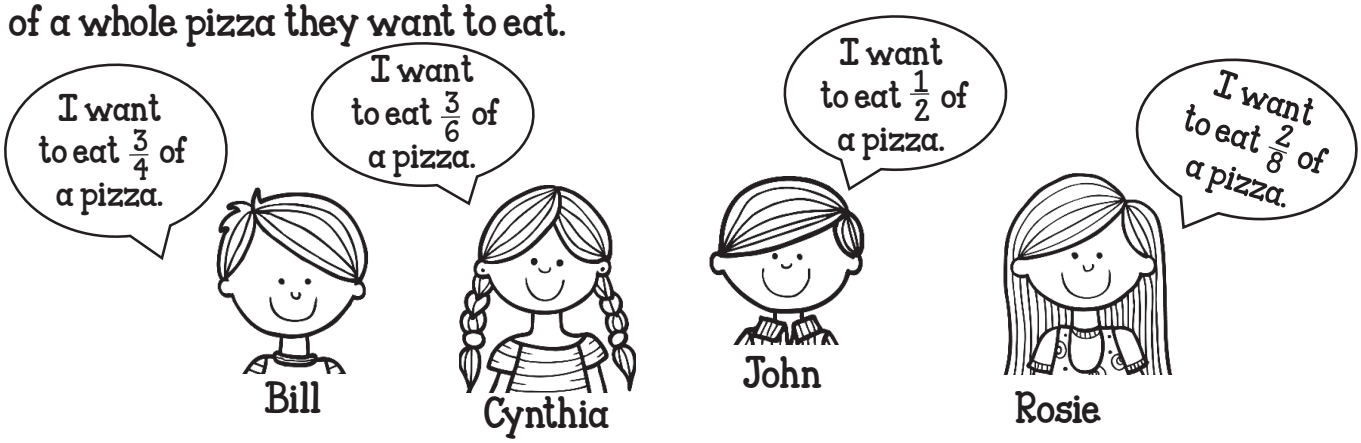
Name _____ Summer Review # 8

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$5\frac{3}{8} + 3\frac{1}{5} =$	$5\frac{3}{8} - 3\frac{1}{5} =$	$5\frac{3}{8} \times 3\frac{1}{5} =$	$5 \div 3\frac{1}{5} =$

Write the product. 4659×47

Four students plan to share the cost for ordering pizza. Each student says how much of a whole pizza they want to eat.



- Bill and Cynthia only want Combo pizza
- John and Rosie only want pepperoni pizza.
- Combo and pepperoni can only be ordered as while pizzas.

What is the **minimum** number of whole pizzas they must order so that each student has as much if the kind of pizza they say they want to eat?

Name _____ Summer Review # 9

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
213.12 + 28.8 =	213.12 – 28.8 =	213.12 × 28.8 =	213.12 ÷ 28.8 =

Round to the nearest hundredths.

351.015 _____ 832.304 _____ 270.697 _____

Which expression is equal to 537.085 ?

Ⓐ $5\times100+3\times10+7+8\times(\frac{1}{10})+5\times(\frac{1}{100})$

Ⓑ $5\times100+3\times10+7+8\times(\frac{1}{100})+5\times(\frac{1}{1000})$

Ⓒ $5\times1000+3\times100+7+8\times(\frac{1}{100})+5\times(\frac{1}{1000})$

Ⓓ $5\times10000+3\times1000+7\times100+8\times10+5$

A rectangular prism has a volume of 420 cubic units. The length is 10 units. The width is 7 units. What is the height?

Ⓐ 6 units

Ⓑ 7 units

Ⓒ 60 units

Ⓓ 70 units

Mr. Johnson is buying popsicles for his class as a treat. He has 25 students. A box of 20 Tropical popsicles costs $4.59. While a box of 18 Firecracker popsicles costs $3.97. What is the price per popsicle for the Tropical popsicles?

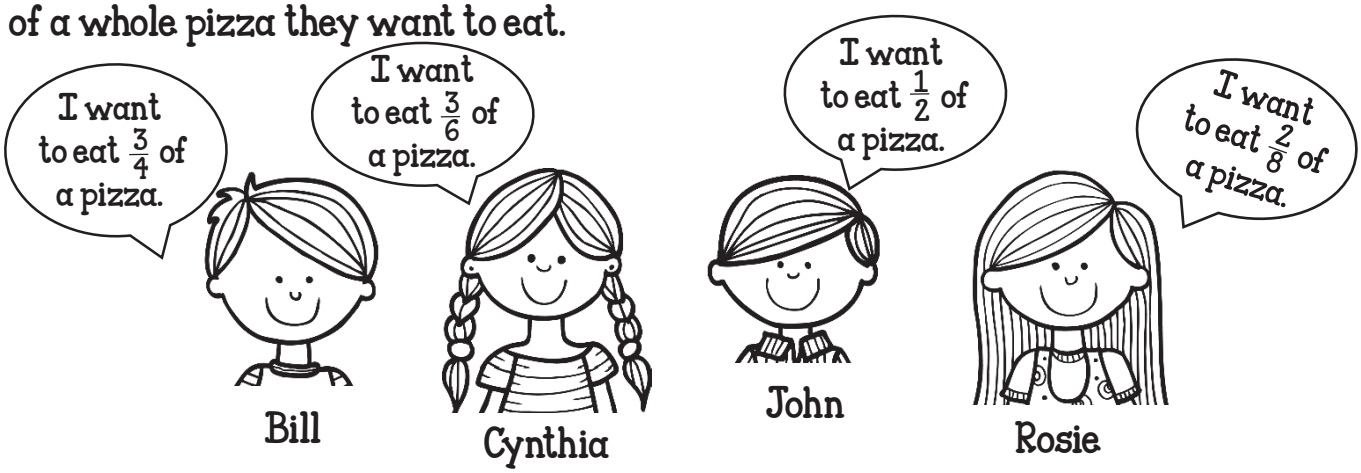
Name _____ Summer Review # 10

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$12\frac{1}{4} + 3\frac{2}{3} =$	$12\frac{1}{4} - 3\frac{2}{3} =$	$12\frac{1}{4} \times 3\frac{2}{3} =$	$12 \div 2\frac{2}{3} =$

Write the product. 8047×23

Four students plan to share the cost for ordering pizza. Each student says how much of a whole pizza they want to eat.



- Bill and Cynthia only want Combo pizza
- John and Rosie only want pepperoni pizza.
- Combo and pepperoni can only be ordered as while pizzas.

Bill and Cynthia are sharing 2 large Pizzas. How much will they have for left overs?

Name _____ Summer Review # 11

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$50.4 + 12.716 =$	$50.4 - 12.716 =$	$50.716 \times 12.4 =$	$50.716 \div 12.4 =$

Round to the nearest tens.

358.015 _____ 832.304 _____ 276.697 _____

Which expression is equal to 5370.85 ?

(A) $5 \times 100 + 3 \times 10 + 7 + 8 \times (\frac{1}{10}) + 5 \times (\frac{1}{100})$

(B) $5 \times 100 + 3 \times 10 + 7 + 8 \times (\frac{1}{100}) + 5 \times (\frac{1}{1000})$

(C) $5 \times 1000 + 3 \times 100 + 7 \times 10 + 8 \times (\frac{1}{10}) + 5 \times (\frac{1}{100})$

(D) $5 \times 10000 + 3 \times 1000 + 7 \times 100 + 8 \times 10 + 5$

Steven has a plastic tub for storing his building blocks. The area of the base is 60 square inches. The height of the tub is 4 inches. Write the volume, in cubic inches, of the plastic tub.

Sam multiplies a number, *n*, by a two digit number.
Which statement is true?

(A) When *n* is a one-digit number, the product will always have three digits.

(B) When *n* is a two-digit number, the product will have four or five digits.

(C) When *n* is a three-digit number, the product will always have four digits.

(D) When *n* is a four-digit number, the product will have five or six digits.

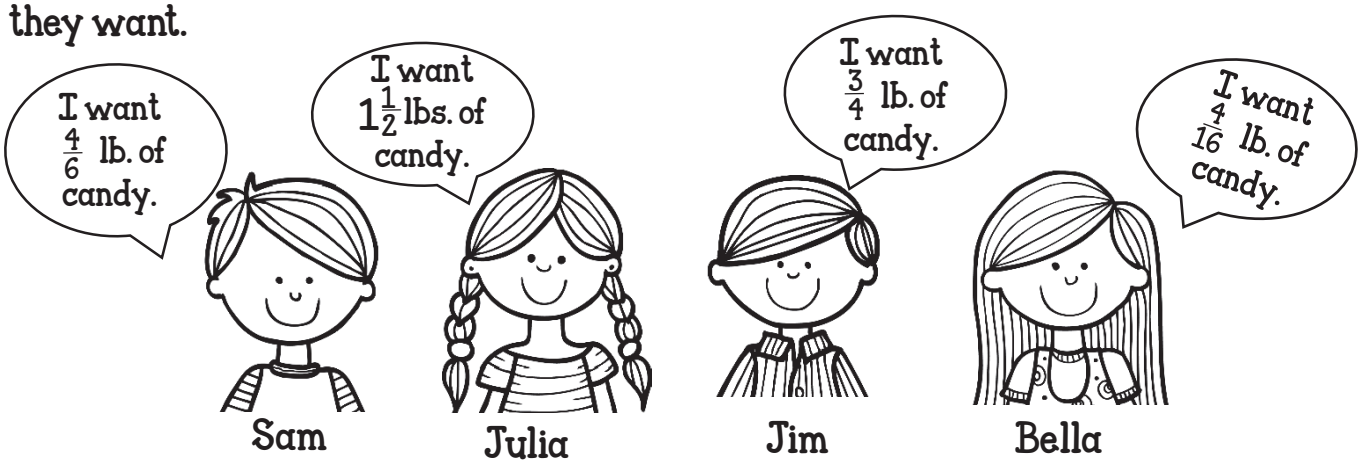
Name _____ Summer Review # 12

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$14\frac{1}{4} + 6\frac{1}{6} =$	$14\frac{1}{4} - 6\frac{1}{6} =$	$14\frac{1}{4} \times 6\frac{1}{6} =$	$30 \div 4\frac{1}{6} =$

Write the product. 4075×32

Four students plan to share the cost of candy. Each student says how much candy they want.



- Sam and Julia only want rocky road clusters
- Jim and Bella only want multi-flavored rock candy.
- The candy is sold in 1 pound bags.

What is the **minimum** number of pounds of candy they must buy so that each student has as much if the kind of candy they say they want to eat?

Name _____ Summer Review # 13

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
20.3 + 11.65 =	20.3 - 11.65 =	20.3 x 11.65 =	20.3 ÷ 11.6 =

Round to the nearest ones.

358.015 _____ 832.504 _____ 279.697 _____

Use this table to solve the problem

Item	Cost per package
Bowls	$2.32
Spoons	$2.54

Sam buys 2 packages of bowls and 3 packages of spoons. He gives the store clerk three 5 dollar bills. What is the total amount of money that Sam should receive back from the clerk?

Joe has a plastic tub for storing his gaming cards. The area of the base is 25 square inches. The height of the tub is 5 inches. Write the volume, in cubic inches, of the plastic tub.

How is an acute triangle different from an obtuse triangle?

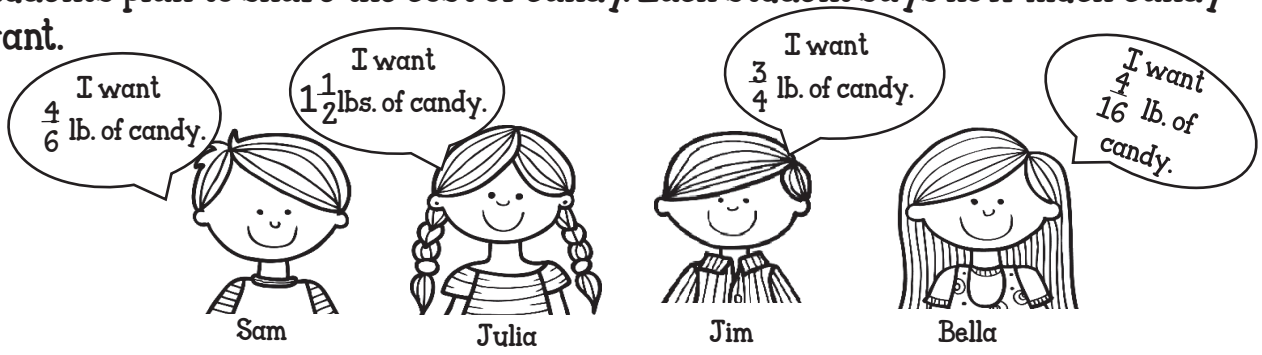
Name _____ Summer Review # 14

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$40\frac{1}{4} + 3\frac{2}{3} =$	$40\frac{1}{4} - 3\frac{2}{3} =$	$40\frac{1}{4} \times 3\frac{2}{3} =$	$40 \div 3\frac{2}{3} =$

Write the product. 8507×34

Four students plan to share the cost of candy. Each student says how much candy they want.



- Sam and Julia only want rocky road clusters which costs $1.99 per pound.
- Jim and Bella only want multi-flavored rock candy which costs $3.99 per pound.
- The candy is sold in 1 pound bags.

How much more do Sam and Julia pay for their rocky road clusters than Jim and Bella pay for their multi-flavored rock candy?

Name _____ Summer Review # 15

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
60.16 + 15.04 =	60.16 - 15.04 =	60.16 x 15.04 =	60.16 ÷ 15.04 =

Round to the nearest tens.

358.015 _____ 832.504 _____ 279.697 _____

Use this table to solve the problem

Item	Cost per package
Lined Paper	$6.48
#2 pencils	$4.96

Vanessa buys 1 package of paper and 2 packages of pencils. She gives the store clerk twenty dollars. What is the total amount of money that Vanessa should receive back from the clerk?

Ginger has a plastic tub for storing her nail polish. The length is 7 inches. The width is 4 inches. The height of the tub is 3 inches. Write the volume, in cubic inches, of the plastic tub.

How is a right triangle different from an obtuse triangle?

Name _____ Summer Review # 16

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$33\frac{1}{8} + 7\frac{1}{3} =$	$33\frac{1}{8} - 7\frac{1}{3} =$	$33\frac{1}{8} \times 7\frac{1}{3} =$	$33 \div 7\frac{1}{3} =$

Write the product. 7603×27

Sarah is painting her room and packing a box with books.

- One shelf has books that are 6 inches by 4 inches by 1 inch.
- The dimension of the box is 12 inches by 8 inches by 8 inches.
- All the books and the container are rectangular prisms.

Part A

How many books can fit in the box if the books are packed so that there is no unused space in the container?

_____ books

Part B

Each book weighs 6 ounces. The maximum weight the box will hold is 10 pounds. What is the greatest number of books that can fit in the box without going over the boxes weight limit?

_____ books

Name _____ Summer Review # 17

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
102.48 + 12.2 =	102.48 - 12.2 =	102.48 × 12.2 =	102.48 ÷ 12.2 =

Round to the nearest tenths.

853.505 _____ 328.054 _____ 972.749 _____

Use this table to solve the problem

Item	Cost per package
Applesauce	$1.98
pudding	$2.48

Jill buys 3 packages of applesauce and 2 packages of pudding. She gives the store clerk a twenty dollar bill. What is the total amount of money that Jill should receive back from the clerk?

Frankie has string for tying up plants that are all equal in length. She lines them up end to end. The line of string is 6 feet long, Frankie says there are 8 hair ribbons. What is the length of one string **in feet?**

What is the length of one string **in inches?**

A square is a special quadrilateral. List all the other names it can be called.

Name _____ Summer Review # 18

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$27\frac{2}{5} + 6\frac{3}{4} =$	$27\frac{2}{5} - 6\frac{3}{4} =$	$27\frac{2}{5} \times 6\frac{3}{4} =$	$27 \div 6\frac{3}{4} =$

Write the product. 3076×72

Alex is cleaning his room and packing a box with books.

- One shelf has books that are 8 inches by 6 inches by 1- 1/2 inches.
- The dimension of the box is 16 inches by 12 inches by 12 inches.
- All the books and the container are rectangular prisms.

Part A

How many books can fit in the box if the books are packed so that there is no unused space in the container?

_____ books

Part B

Each book weighs 1-1/2 pounds. The maximum weight the box will hold is 45 pounds. What is the greatest number of books that can fit in the box without going over the boxes weight limit?

_____ books

Name _____ Summer Review # 19

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
134.4 + 19.2 =	134.4 - 19.2 =	134.4 × 19.2 =	134.4 ÷ 19.2 =

Round to the nearest hundredths.

853.505 _____ 328.054 _____ 972.749 _____

Use this table to solve the problem

Item	Cost per package
muffins	$4.99
String cheese	$2.98

Josie buys 1 package of muffins and 2 packages of string cheese. She gives the store clerk a twenty dollar bill. What is the total amount of money that Josie should receive back from the clerk?

Samantha has hair ribbons that are all equal in length. She lines them up end to end. The line of hair ribbons is 9 feet long, Samantha says there are 6 hair ribbons. What is the length of one hair ribbon **in feet?**

What is the length of one hair ribbon **in inches?**

Explain the difference between a square and a rhombus.

Name _____ Summer Review # 20

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$18\frac{2}{5} + 6\frac{1}{4} =$	$18\frac{2}{5} - 6\frac{1}{4} =$	$18\frac{2}{5} \times 6\frac{1}{4} =$	$18 \div 6\frac{1}{4} =$

Write the product. 4106×53

Megan is cleaning her closet and packing a large tub with shoe boxes.

- The dimensions of the shoe boxes are 12 inches by 8 inches by 4 inches.
- The dimension of the box is 24 inches by 24 inches by 16 inches.
- All the shoe boxes and the tub are rectangular prisms.

Part A

How many shoe boxes can fit in the tub if the shoe boxes are packed so that there is no unused space in the tub?

_____ shoe boxes

Part B

Each shoe box weighs 2 pounds. The maximum weight that Megan can lift is 40 pounds.
What is the greatest number of shoe boxes that can fit in the box without going over Megan's weight limit?

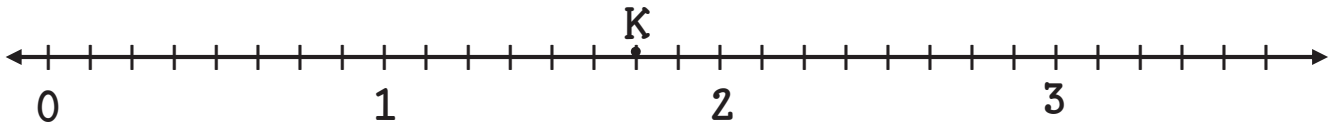
_____ shoe boxes

Name _____ Summer Review # 21

Show your work (stack the numbers) show any regrouping

Find the sum	Find the difference	Find the product	Find the quotient
380.38 + 26.6 =	380.38 – 26.6 =	380.38 x 26.6 =	380.38 ÷ 26.6 =

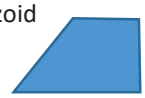
Kevin and John rode their bikes home from the video game store. The distance Kevin rode, in miles, is shown by point K on the number line.



John rode his bike $\frac{3}{4}$ of a mile more than Kevin rode.

Write the distance, in miles, Kevin rode. _____

Determine which category each polygon belongs to. Mark all boxes that apply. Shapes may belong to more than one category. If the polygon is note a square, parallelogram, or quadrilateral select None of These.

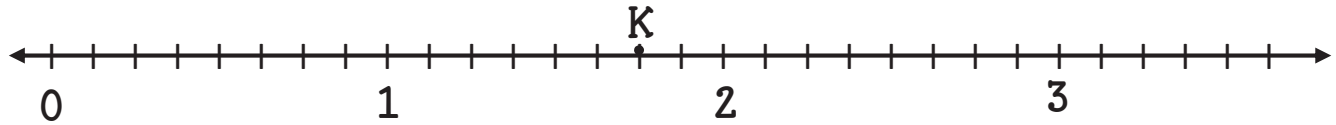
	Square	Parallelogram	Quadrilateral	None of These
Rhombus 	☐	☐	☐	☐
Octagon 	☐	☐	☐	☐
Trapezoid 	☐	☐	☐	☐

Name _____ Summer Review # 22

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$22\frac{1}{3} + 7\frac{1}{4} =$	$22\frac{1}{3} - 7\frac{1}{4} =$	$22\frac{1}{3} \times 7\frac{1}{4} =$	$22 \div 7\frac{1}{4} =$

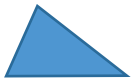
Katy and Josie rode their bikes home from the fabric store. The distance Katie rode, in miles, is shown by point K on the number line.



Josie rode her bike $\frac{1}{2}$ of a mile less than Katy rode.

Write the distance, in miles, Katy rode. _____

Determine which category each triangle belongs to. Mark all boxes that apply. Shapes may belong to more than one category.

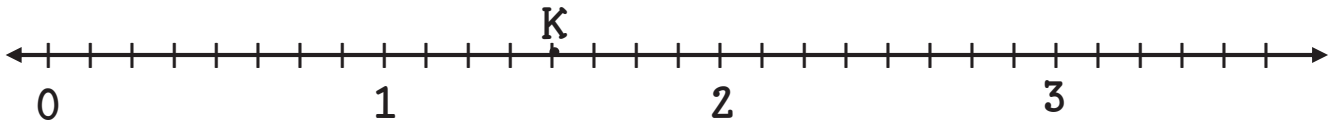
	Acute Triangle	Obtuse Triangle	Right Triangle	Isosceles Triangle	Scalene Triangle	Equilateral Triangle
	☐	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐	☐

Name _____ Summer Review # 23

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
100.5 + 25.25 =	100.5 – 25.25 =	100.5 × 25.25 =	100.5 ÷ .25 =

Kyle and Jim rode their bikes home from the ballfield. The distance Kyle rode, in miles, is shown by point K on the number line.



Jim rode his bike $1\frac{1}{2}$ times farther than Kyle rode.

Write the distance, in miles, Kyle rode. _____

Determine which category each polygon belongs to. Mark all boxes that apply. Shapes may belong to more than one category. If the polygon is note a square, parallelogram, or quadrilateral select None of These.

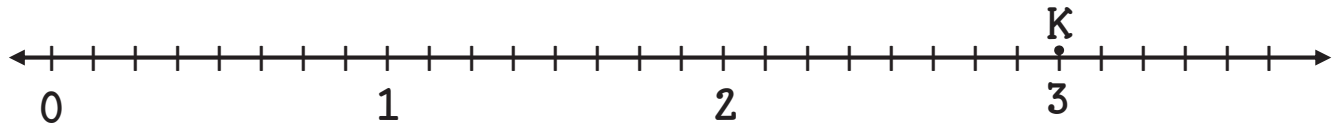
	Square	Parallelogram	Quadrilateral	None of These
rectangle 	☐	☐	☐	☐
rhombus 	☐	☐	☐	☐
pentagon 	☐	☐	☐	☐

Name _____ Summer Review # 24

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$18\frac{1}{3} + 4\frac{3}{5} =$	$18\frac{1}{3} - 4\frac{3}{5} =$	$18\frac{1}{3} \times 4\frac{3}{5} =$	$18 \div 4\frac{3}{5} =$

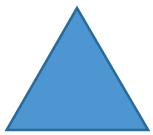
Kassy and Jenny rode their bikes home from the craft fair. The distance Kassy rode, in miles, is shown by point K on the number line.



Jenny rode her bike $\frac{1}{2}$ as far as Kassy rode.

Write the distance, in miles, Kassy rode. ☐

Determine which category each triangle belongs to. Mark all boxes that apply. Shapes may belong to more than one category.

	Acute Triangle	Obtuse Triangle	Right Triangle	Isosceles Triangle	Scalene Triangle	Equilateral Triangle
	☐	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐	☐

Name _____ Summer Review # 25

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
100.5 + 12.25 =	100.5 – 12.25 =	100.5 × 12.25 =	100.5 ÷ .12 =

Write the number of quarts equal to 36 cups. _____quarts

Write the number of ounces equal to 5 pounds. _____ ounces

Write the number of feet equal to 10 yards. _____ feet

Write the number of meters equal to 3 kilometers. _____meters

Write the number of grams equal to 5,000 milligrams. _____ grams

Write the number of milliliters equal to 2 liters. _____ milliliters

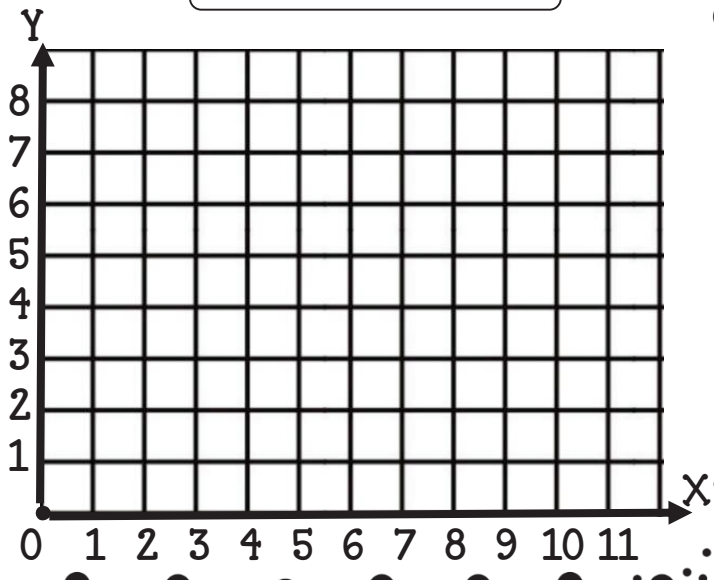
Plot and label the points below

A (4, 3) B (1, 6)

C (6, 6) D (9, 3)

Connect A to B, B to C, C to D, and D to A

What shape did you draw?



Name _____ Summer Review # 26

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$17\frac{3}{4} + 5\frac{2}{5} =$	$17\frac{3}{4} - 5\frac{2}{5} =$	$17\frac{3}{4} \times 5\frac{2}{5} =$	$17 \div 5\frac{2}{5} =$

Write the number of cups equal to 12 quarts. _____cups

Write the number of pounds equal to 48 ounces. _____ pounds

Write the number of yards equal to 24 feet. _____ yards

Write the number of kilometers equal to 2000 meters. _____kilometers

Write the number of milligrams equal to 15 grams. _____ milligrams

Write the number of liters equal to 1500 milliliters. _____ liters

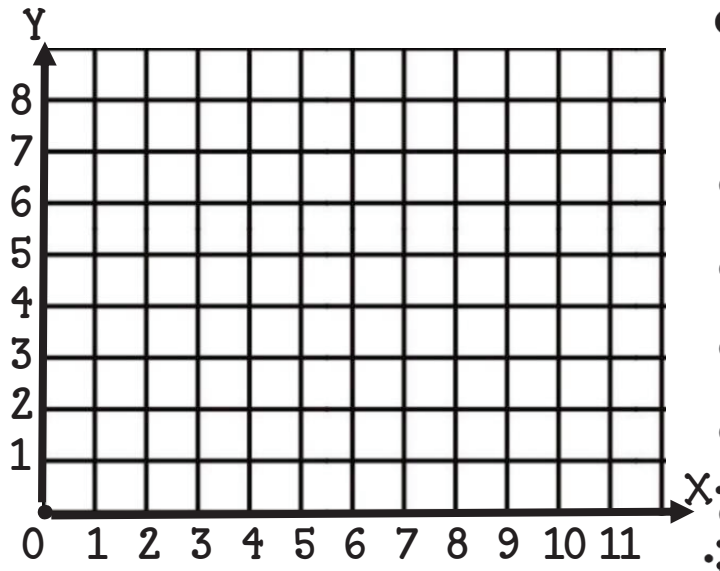
Plot and label the points below

A (6, 0) B (3, 4)

C (6, 8) D (9, 4)

Connect A to B, B to C, C to D, and D to A

What shape did you draw?



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Thank you for supporting teacher- authors by selecting this product. This product is a summer review product designed to help reduce the amount of summer slide of students going into 6th grade. It covers most of the major 5th grade concepts.

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Happy Teaching,
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Answer
Keys

Name _____ Summer Review # 1

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
95.2 + 5.17 =	95.2 - 5.17 =	95.2 × 5.1 =	91.8 ÷ 5.1 =
100.37	90.03	485.52	18

Write a positive value for n that makes this statement true: $1 \times n$ is less than 1 but greater than 0. [ ] AWV example between .1 and .9

Which equation has the same unknown value as 425 ÷ 25 = □?

- (A) 425 × □ = 25
- (B) □ ÷ 425 = 25
- (●) 25 × □ = 425
- (D) □ ÷ 25 = 425

Which expression is equal to $\frac{7}{8}$?

- (●) 7 ÷ 8
- (B) 8 × 7
- (C) 8 ÷ 7
- (D) 7 × 8

Which expression correctly shows the sum of the product of 8 and 5 and the difference of 25 and 12?

- (A) 8 + (5 × 25) - 12
- (●) (8 × 5) + (25 - 12)
- (C) (8 × 5) - (25 + 12)
- (D) 8 - (5 × 25) + 12

Sarah is using a calculator to multiply 3245 and 20. She enters 3245 × 200 by mistake. What can Sarah do to correct her mistake?

- (A) add 180 to the product
- (B) subtract 180 from the product
- (C) Multiply the product by 10
- (●) Divide the product by 10

Name _____ Summer Review # 2

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$5\frac{1}{3} + 2\frac{1}{2} =$ $5\frac{2}{6} + 2\frac{3}{6} = 7\frac{5}{6}$	$5\frac{1}{3} - 2\frac{1}{2} =$ $5\frac{2}{6} - 2\frac{3}{6} =$ $4\frac{8}{6} - 2\frac{3}{6} = 2\frac{5}{6}$	$\frac{2}{3} \times \frac{1}{2} =$ $\frac{2}{3} \times \frac{1}{2} = \frac{2}{6} = \frac{1}{3}$	$10 \div \frac{1}{2} =$ $\frac{10}{1} \div \frac{1}{2} =$ $\frac{10}{1} \times \frac{2}{1} = \frac{20}{1} = 20$

Write the product. 2468×23

56,764

A rectangular prism has a volume of 60 cubic units. The length is 4 units. The width is 3 units. What is the height?

(A) 4 units
(●) 5 units
(C) 15 units
(D) 20 units

There are 8 social studies books on the back table. This is $\frac{1}{3}$ of the total number of social studies books in the classroom.
Write the total number of Social Studies books in the classroom. 24

Brianna's family drove $4\frac{3}{10}$ miles to the gas station. Then they drove $3\frac{40}{100}$ miles from the gas station to the restaurant for dinner.

Which expression can be used to determine the number of miles Brianna's family drove altogether?

(A) $7 + \frac{120}{1000}$
(B) $4 + 3 + \frac{43}{110}$
(C) $7 + \frac{3}{100} + \frac{40}{100}$
(●) $4 + 3 + \frac{30}{100} + \frac{40}{100}$

Name _____ Summer Review # 3

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
532.12 + 50.2 =	532.12 - 50.2 =	532.12 × 50.2 =	532.12 ÷ 50.2 =
582.32	481.92	26,712.424	10.6

Write a positive value for ***n*** that makes this statement true: $2 \times n$ is less than 6 but greater than 4. AWV example between 2.1 and 2.9

Which equation has the same unknown value as 594 ÷ 33 = □?

- (●) 33 × □ = 594
- (B) □ ÷ 594 = 33
- (C) 594 × □ = 33
- (D) □ ÷ 33 = 594

Which expression is equal to $\frac{8}{12}$?

- (A) 12 ÷ 8
- (B) 8 × 12
- (●) 8 ÷ 12
- (D) 12 × 8

Which expression correctly shows the sum of the product of 7 and 8 and the difference of 28 and 14?

- (A) 7 + (8 × 28) - 14
- (B) (7 × 8) - (28 + 14)
- (●) (7 × 8) + (28 - 14)
- (D) 7 - (8 × 28) + 14

Anna is using a calculator to multiply 3245 and 200. She enters 3245 × 20 by mistake. What can Anna do to correct her mistake?

- (A) subtract 180 from the product
- (B) add 180 to the product
- (●) Multiply the product by 10
- (D) Divide the product by 10

Name _____ Summer Review # 4

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$6\frac{3}{8}+1\frac{2}{5}=$	$6\frac{3}{8}-1\frac{2}{5}=$	$6\frac{3}{8}\times1\frac{2}{5}=$	$6\div1\frac{2}{5}=$
$6\frac{15}{40}+1\frac{16}{40}=7\frac{31}{40}$	$6\frac{15}{40}-1\frac{16}{40}=$	$\frac{51}{8}\times\frac{7}{5}=\frac{357}{40}=8\frac{37}{40}$	$\frac{6}{1}\div\frac{7}{5}=$
	$5\frac{55}{40}-1\frac{16}{40}=4\frac{39}{40}$		$\frac{6}{1}\times\frac{5}{7}=\frac{30}{7}=4\frac{2}{7}$

Write the product. 8642×14

120,988

A rectangular prism has a volume of 60 cubic units. The length is 5 units. The width is 3 units. What is the height?

- (A) 4 units
- (B) 5 units
- (C) 15 units
- (D) 20 units

There are 16 science books on the back table. This is $\frac{2}{3}$ of the total number of science books in the classroom.
Write the total number of science books in the classroom.

24

Sean's family drove $5\frac{2}{10}$ miles to the hardware store. Then they drove $7\frac{70}{100}$ miles from the hardware store to the he pet store.

Which expression can be used to determine the number of miles Sean's family drove altogether?

- (A) $12+\frac{140}{1000}$
- (B) $5+7+\frac{72}{110}$
- (C) $5+7+\frac{20}{100}+\frac{70}{100}$
- (D) $12+\frac{2}{100}+\frac{70}{100}$

Name _____ Summer Review # 5

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
612.36 + 75.6 =	612.36 - 75.6 =	612.36 x 75.6 =	612.36 ÷ 75.6 =
687.96	536.76	46,294.416	8.1

Write a positive value for n that makes this statement true: $4 \times n$ is less than 12 but greater than 8. AWV example between 2.1 and 2.9

Which equation has the same unknown value as 585 ÷ 15 = ☐ ?

- (A) 15 x 585 = ☐
- (B) 585 ÷ ☐ = 15
- (C) 585 x ☐ = 15
- (D) ☐ ÷ 15 = 585

Which expression is equal to $\frac{10}{15}$?

- (A) 15 ÷ 10
- (B) 10 ÷ 15
- (C) 10 x 15
- (D) 15 x 10

Which expression correctly shows the sum of the product of 6 and 10 and the difference of 40 and 15?

- (A) 6 + (10 x 40) - 15
- (B) (6 x 10) - (40 +15)
- (C) 6 - (10 x 40) + 15
- (D) (6 x 10) + (40 -15)

Izzy is using a calculator to multiply 4627 and 30. She enters 4627 x 300 by mistake. What can Izzy do to correct her mistake?

- (A) add 270 to the product
- (B) subtract 270 from the product
- (C) Multiply the product by 10
- (D) Divide the product by 10

Name _____ Summer Review # 6

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$8\frac{3}{4} + 3\frac{4}{5} =$	$8\frac{3}{4} - 3\frac{4}{5} =$	$8\frac{3}{4} \times 3\frac{4}{5} =$	$8 \div 3\frac{4}{5} =$
$8\frac{15}{20} + 3\frac{16}{20} = 11\frac{31}{20}$	$8\frac{15}{20} - 3\frac{16}{20} =$	$\frac{35}{4} \times \frac{19}{5} =$	$\frac{8}{1} \div \frac{19}{5} =$
$12\frac{11}{20}$	$7\frac{35}{20} - 3\frac{16}{20} = 4\frac{19}{20}$	$\frac{\cancel{35}^{7}}{4} \times \frac{19}{\cancel{5}_{1}} = \frac{133}{4} = 33\frac{1}{4}$	$\frac{8}{1} \times \frac{5}{19} = \frac{40}{19} = 2\frac{2}{19}$

Write the product. 5876×23

135,148

A rectangular prism has a volume of 100 cubic units. The length is 5 units. The width is 4 units. What is the height?

- (A) 4 units
- (B) 5 units
- (C) 15 units
- (D) 20 units

There are 8 cupcakes on a plate. This is $\frac{1}{4}$ of the total number of cupcakes in the kitchen.
Write the total number of cupcakes in the kitchen. 32

Stephany's family drove $50\frac{4}{10}$ miles to Mount Rainer. Then they drove $25\frac{80}{100}$ miles from Mount Rainer to a new hotel.

Which expression can be used to determine the number of miles Stephany's family drove altogether?

- (A) $75 + \frac{320}{1000}$
- (B) $50 + 25 + \frac{40}{100} + \frac{80}{100}$
- (C) $50 + 25 + \frac{84}{110}$
- (D) $75 + \frac{4}{100} + \frac{80}{100}$

Name _____ Summer Review # 7

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
733.05 + 9.05 =	733.05 – 9.05 =	733.05 × 9.05 =	733.05 ÷ 9. =
742.1	724	6634.1025	81.45

Round to the nearest tenths.

351.015 351.0 832.304 832.3 270.697 270.7

Which equation has the same unknown value as 12 × ☐ = 420 ?

- (A) 12 × 420 = ☐
- (●) 420 ÷ ☐ = 12
- (C) 420 × ☐ = 12
- (D) ☐ ÷ 12 = 420

Which fraction is equal to 52 ÷ 5 ?

- (A) $\frac{10}{5}$
- (B) $10\frac{3}{5}$
- (●) $10\frac{2}{5}$
- (D) $9\frac{4}{5}$

Mr. Johnson is buying popsicles for his class as a treat. He has 25 students. A box of 20 tropical popsicles costs $4.59. While a box of 18 Firecracker popsicles costs $3.97. How much will he save buying 2 boxes of Firecracker popsicles instead of 2 boxes of tropical popsicles? **$1.24**

Tropical

$4.59
× 2
$9.18

Firecracker

$3.97
× 2
$7.94

$9.18
-7.94
$1.24

Name _____ Summer Review # 8

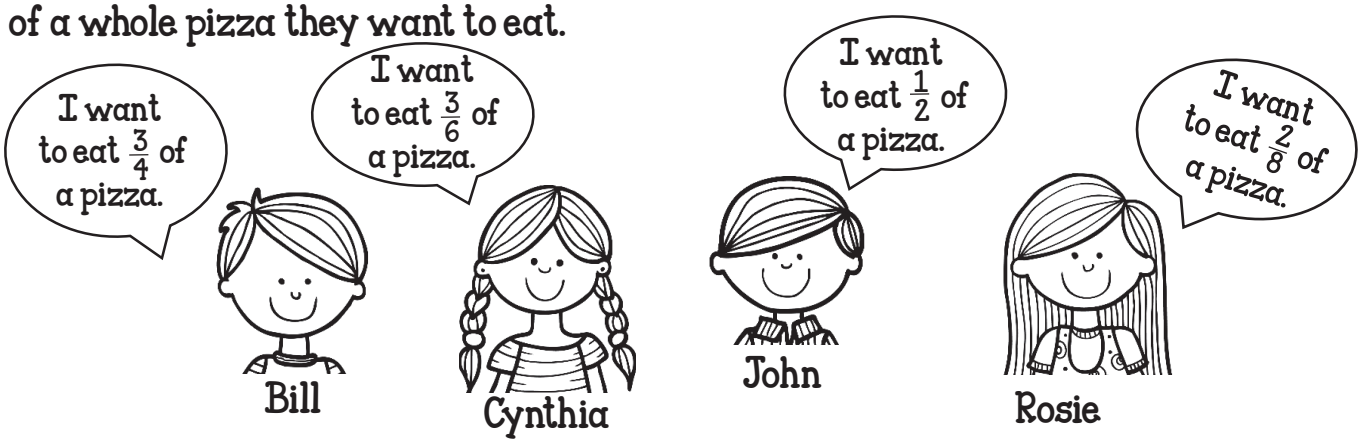
Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$5\frac{3}{8} + 3\frac{1}{5} =$	$5\frac{3}{8} - 3\frac{1}{5} =$	$5\frac{3}{8} \times 3\frac{1}{5} =$	$5 \div 3\frac{1}{5} =$
$5\frac{15}{40} + 3\frac{8}{40} = 8\frac{23}{40}$	$5\frac{15}{40} - 3\frac{8}{40} = 2\frac{7}{40}$	$\frac{43}{8} \times \frac{16}{5} =$ $\frac{43}{\cancel{8}_1} \times \frac{\cancel{16}^2}{5} = \frac{86}{5} = 17\frac{1}{5}$	$\frac{5}{1} \div \frac{16}{5} =$ $\frac{5}{1} \times \frac{5}{16} = \frac{25}{16} = 1\frac{9}{16}$

Write the product. 4659×47

218,973

Four students plan to share the cost for ordering pizza. Each student says how much of a whole pizza they want to eat.



- Bill and Cynthia only want Combo pizza
- John and Rosie only want pepperoni pizza.
- Combo and pepperoni can only be ordered as while pizzas.

What is the **minimum** number of whole pizzas they must order so that each student has as much if the kind of pizza they say they want to eat?

3 pizzas – 2 combo and 1 pepperoni

Name _____ Summer Review # 9

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
213.12 + 28.8 =	213.12 – 28.8 =	213.12 × 28.8 =	213.12 ÷ 28.8 =
241.92	184.32	6,137.856	7.4

Round to the nearest hundredths.

351.015 351.02 832.304 832.30 270.697 270.70

Which expression is equal to 537.085 ?

(A) $5\times100+3\times10+7+8\times(\frac{1}{10})+5\times(\frac{1}{100})$

● $5\times100+3\times10+7+8\times(\frac{1}{100})+5\times(\frac{1}{1000})$

(C) $5\times1000+3\times100+7+8\times(\frac{1}{100})+5\times(\frac{1}{1000})$

(D) $5\times10000+3\times1000+7\times100+8\times10+5$

A rectangular prism has a volume of 420 cubic units. The length is 10 units. The width is 7 units. What is the height?

● 6 units

(B) 7 units

(C) 60 units

(D) 70 units

Mr. Johnson is buying popsicles for his class as a treat. He has 25 students. A box of 20 Tropical popsicles costs $4.59. While a box of 18 Firecracker popsicles costs $3.97. What is the price per popsicle for the Tropical popsicles?

Round to the nearest hundredths place

$0.23

```
   .2295
20)4.5900
 -40
   59
  -40
   190
  -180
    100
   -100
```

Name _____ Summer Review # 10

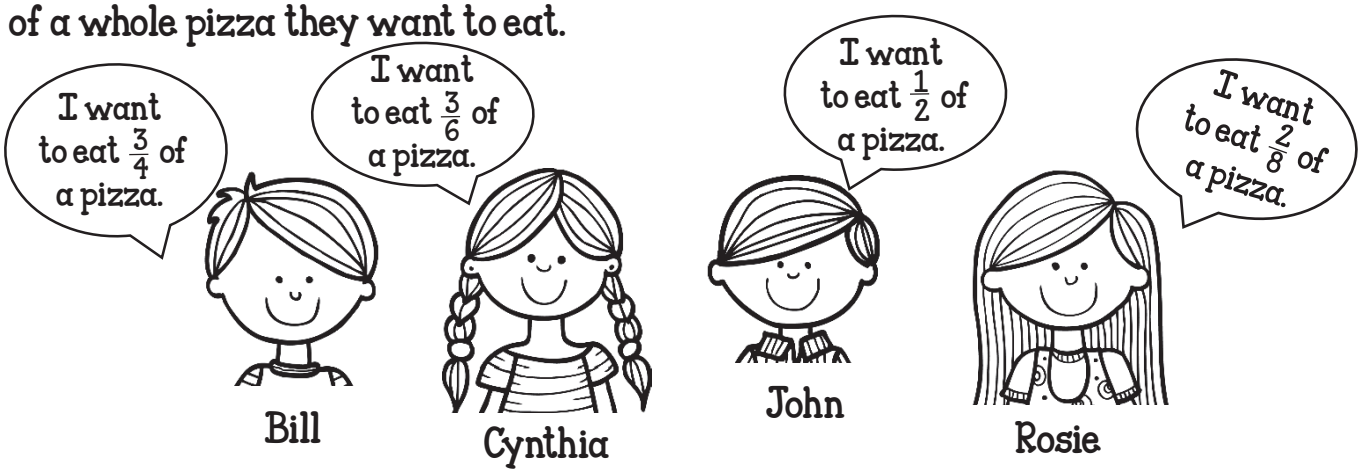
Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$12\frac{1}{4} + 3\frac{2}{3} =$	$12\frac{1}{4} - 3\frac{2}{3} =$	$12\frac{1}{4} \times 3\frac{2}{3} =$	$12 \div 2\frac{2}{3} =$
$12\frac{3}{12} + 3\frac{8}{12} = 15\frac{11}{12}$	$12\frac{3}{12} - 3\frac{8}{12} = 15\frac{11}{12}$ $11\frac{15}{12} - 3\frac{8}{12} = 8\frac{7}{12}$	$\frac{49}{4} \times \frac{11}{3} = \frac{539}{12} = 44\frac{11}{12}$	$\frac{12}{1} \div \frac{8}{3} =$ $\frac{\cancel{12}^{3}}{1} \times \frac{3}{\cancel{8}_{2}} = \frac{9}{2} = 4\frac{1}{2}$

Write the product. 8047×23

185,081

Four students plan to share the cost for ordering pizza. Each student says how much of a whole pizza they want to eat.



- Bill and Cynthia only want Combo pizza
- John and Rosie only want pepperoni pizza.
- Combo and pepperoni can only be ordered as while pizzas.

Bill and Cynthia are sharing 2 large Pizzas. How much will they have for left overs?

$\frac{3}{4} + \frac{3}{6} =$ $\frac{9}{12} + \frac{6}{12} = \frac{15}{12}$ $\frac{24}{12} - \frac{15}{12} = \frac{9}{12} = \frac{3}{4}$ of a pizza

Name _____ Summer Review # 11

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$50.4 + 12.716 =$	$50.4 - 12.716 =$	$50.716 \times 12.4 =$	$50.716 \div 12.4 =$
63.116	37.684	628.8784	4.09

Round to the nearest tens.

358.015 360. 832.304 830. 276.697 280.

Which expression is equal to 5370.85 ?

(A) $5 \times 100 + 3 \times 10 + 7 + 8 \times (\frac{1}{10}) + 5 \times (\frac{1}{100})$

(B) $5 \times 100 + 3 \times 10 + 7 + 8 \times (\frac{1}{100}) + 5 \times (\frac{1}{1000})$

● $5 \times 1000 + 3 \times 100 + 7 \times 10 + 8 \times (\frac{1}{10}) + 5 \times (\frac{1}{100})$

(D) $5 \times 10000 + 3 \times 1000 + 7 \times 100 + 8 \times 10 + 5$

Steven has a plastic tub for storing his building blocks. The area of the base is 60 square inches. The height of the tub is 4 inches. Write the volume, in cubic inches, of the plastic tub.

240 in^3

Sam multiplies a number, *n*, by a two digit number.
Which statement is true?

(A) When *n* is a one-digit number, the product will always have three digits.

(B) When *n* is a two-digit number, the product will have four or five digits.

(C) When *n* is a three-digit number, the product will always have four digits.

● When *n* is a four-digit number, the product will have five or six digits.

Name _____ Summer Review # 12

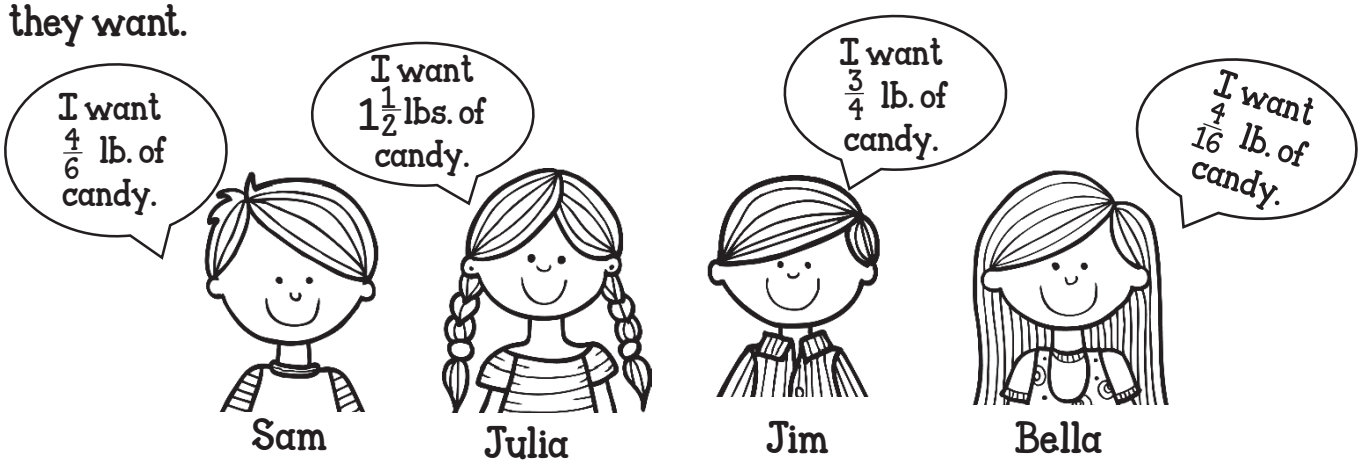
Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$14\frac{1}{4} + 6\frac{1}{6} =$	$14\frac{1}{4} - 6\frac{1}{6} =$	$14\frac{1}{4} \times 6\frac{1}{6} =$	$30 \div 4\frac{1}{6} =$
$14\frac{3}{12} + 6\frac{2}{12} = 20\frac{5}{12}$	$14\frac{3}{12} - 6\frac{2}{12} = 8\frac{1}{12}$	$\frac{57}{4} \times \frac{37}{6} = \frac{2109}{24} = 87\frac{21}{24}$ $= 87\frac{7}{8}$	$\frac{30}{1} \div \frac{25}{6} =$ $\frac{6}{30}{}_{1} \times \frac{6}{25}{}_{5} = \frac{36}{5} = 7\frac{1}{5}$

Write the product. 4075×32

130,400

Four students plan to share the cost of candy. Each student says how much candy they want.



- Sam and Julia only want rocky road clusters
- Jim and Bella only want multi-flavored rock candy.
- The candy is sold in 1 pound bags.

What is the **minimum** number of pounds of candy they must buy so that each student has as much if the kind of candy they say they want to eat?

4 pounds– 3 pounds rocky road and 1 pound multi-flavored rock candy

Name _____ Summer Review # 13

Show your work (stack the numbers) show any regrouping

Find the sum	Find the difference	Find the product	Find the quotient
20.3 + 11.65 =	20.3 - 11.65 =	20.3 x 11.65 =	20.3 ÷ 11.6 =
31.95	8.65	236.495	1.75

Round to the nearest ones.

358.015 358. 832.504 833. 279.697 280.

Use this table to solve the problem

Item	Cost per package
Bowls	$2.32
Spoons	$2.54

Sam buys 2 packages of bowls and 3 packages of spoons. He gives the store clerk three 5 dollar bills. What is the total amount of money that Sam should receive back from the clerk?

$2.74

bowls
$2.32
x 2
$4.64

Spoons
$2.54
x 3
$7.62

Total
$7.62
+ $4.64
$12.26

Change
$15.00
-12.26
$2.74

Joe has a plastic tub for storing his gaming cards. The area of the base is 25 square inches. The height of the tub is 5 inches. Write the volume, in cubic inches, of the plastic tub.

$125 in^3$

V = B x H
V = 25 x 5
V = 125

How is an acute triangle different from an obtuse triangle?

An acute triangle has all angles less than 90°.
An obtuse has 1 angle greater than 90°.

Name _____ Summer Review # 14

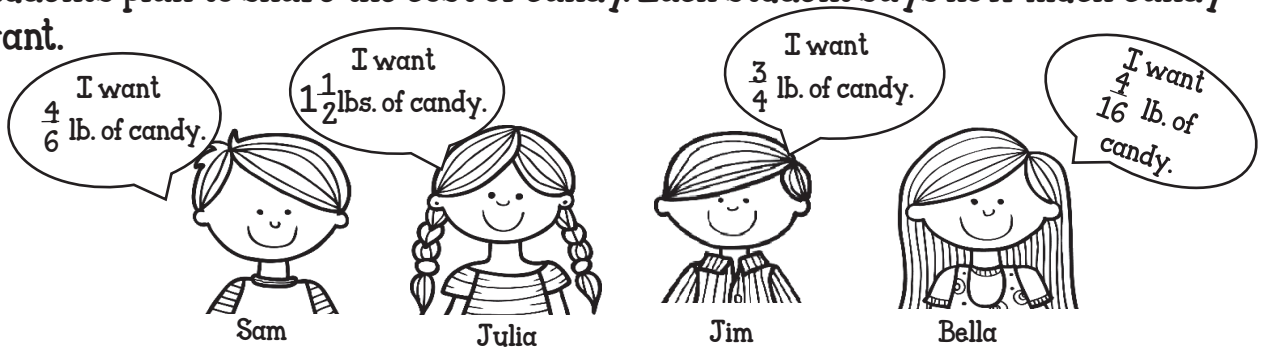
Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$40\frac{1}{4} + 3\frac{2}{3} =$	$40\frac{1}{4} - 3\frac{2}{3} =$	$40\frac{1}{4} \times 3\frac{2}{3} =$	$40 \div 3\frac{2}{3} =$
$40\frac{3}{12} + 3\frac{8}{12} = 43\frac{11}{12}$	$40\frac{3}{12} - 3\frac{8}{12} =$	$\frac{41}{4} \times \frac{11}{3} = \frac{451}{12} = 37\frac{7}{12}$	$\frac{40}{1} \div \frac{11}{3} =$
	$39\frac{15}{12} - 3\frac{8}{12} = 36\frac{7}{12}$		$\frac{40}{1} \times \frac{3}{11} = \frac{120}{11} = 10\frac{10}{11}$

Write the product. 8507×34

289,238

Four students plan to share the cost of candy. Each student says how much candy they want.



- Sam and Julia only want rocky road clusters which costs $1.99 per pound.
- Jim and Bella only want multi-flavored rock candy which costs $3.99 per pound.
- The candy is sold in 1 pound bags.

How much more do Sam and Julia pay for their rocky road clusters than Jim and Bella pay for their multi-flavored rock candy?

Rocky Road	Rock Candy	Difference
$1.99	$3.99	$5.97
x 3	x 1	-3.99
$5.97	$3.99	$1.98

$1.98

Name _____ Summer Review # 15

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
60.16 + 15.04 =	60.16 - 15.04 =	60.16 x 15.04 =	60.16 ÷ 15.04 =
75.2	45.12	904.8064	4

Round to the nearest tens.

358.015 360. 832.504 830. 279.697 280.

Use this table to solve the problem

Item	Cost per package
Lined Paper	$6.48
#2 pencils	$4.96

Vanessa buys 1 package of paper and 2 packages of pencils. She gives the store clerk twenty dollars. What is the total amount of money that Vanessa should receive back from the clerk?

$3.60

Paper #2 pencils Total Change

$6.48 x 1 = $6.48

$4.96 x 2 = $9.92

$6.48 + $9.92 = $16.40

$20.00 - 16.40 = $3.60

Ginger has a plastic tub for storing her nail polish. The length is 7 inches. The width is 4 inches. The height of the tub is 3 inches. Write the volume, in cubic inches, of the plastic tub.

$84 in^3$

$V = l \times w \times h$

$V = 7 \times 4 \times 3$

$V = 84$

How is a right triangle different from an obtuse triangle?

A right triangle has one angle that is exactly 90°.

An obtuse has 1 angle greater than 90°.

Name ______________________ Summer Review # 16

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$33\frac{1}{8} + 7\frac{1}{3} =$ $33\frac{3}{24} + 7\frac{8}{24} = 40\frac{11}{24}$	$33\frac{1}{8} - 7\frac{1}{3} =$ $33\frac{3}{24} - 7\frac{8}{24} =$ $32\frac{27}{24} - 7\frac{8}{24} = 25\frac{19}{24}$	$33\frac{1}{8} \times 7\frac{1}{3} =$ $\frac{265}{8_4} \times \frac{22^{11}}{3} = \frac{2915}{12} = 242\frac{11}{12}$	$33 \div 7\frac{1}{3} =$ $\frac{33}{1} \div \frac{22}{3} =$ $\frac{33^{3}}{1} \times \frac{3}{22_2} = \frac{9}{2} = 4\frac{1}{2}$

Write the product. 7603 × 27

205,281

Sarah is painting her room and packing a box with books.

- One shelf has books that are 6 inches by 4 inches by 1 inch.
- The dimension of the box is 12 inches by 8 inches by 8 inches.
- All the books and the container are rectangular prisms.

Part A
How many books can fit in the box if the books are packed so that there is no unused space in the container?

32 books

Part B
Each book weighs 6 ounces. The maximum weight the box will hold is 10 pounds. What is the greatest number of books that can fit in the box without going over the boxes weight limit?

Box holds

$$16 \times 10 = 160 \text{ ounces}$$

$$160 \div 6 = 26 \text{ r } 4$$

6)160.
-12
40
-36
4

Weight of 26 books

$$26 \times 6 = 156 \text{ ounces}$$

26 books

Name _____ Summer Review # 17

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
102.48 + 12.2 =	102.48 – 12.2 =	102.48 × 12.2 =	102.48 ÷ 12.2 =
114.68	90.28	1,250.256	8.4

Round to the nearest tenths.

853.505 853.5 328.054 328.1 972.749 972.7

Use this table to solve the problem

Item	Cost per package
Applesauce	$1.98
pudding	$2.48

Jill buys 3 packages of applesauce and 2 packages of pudding. She gives the store clerk a twenty dollar bill. What is the total amount of money that Jill should receive back from the clerk?

$9.10

Applesauce pudding Total Change

$1.98 × 3 = $5.94

$2.48 × 2 = $4.96

$5.94 + $4.96 = $10.90

$20.00 – 10.90 = $9.10

Frankie has string for tying up plants that are all equal in length. She lines them up end to end. The line of string is 6 feet long, Frankie says there are 8 hair ribbons. What is the length of one string in **feet**?

.75 or $\frac{3}{4}$ foot

What is the length of one string in **inches**?

9 inches

A square is a special quadrilateral. List all the other names it can be called.

A square can be called a rectangle, parallelogram, and a rhombus.

Name _____ Summer Review # 18

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$27\frac{2}{5} + 6\frac{3}{4} =$	$27\frac{2}{5} - 6\frac{3}{4} =$	$27\frac{2}{5} \times 6\frac{3}{4} =$	$27 \div 6\frac{3}{4} =$
$27\frac{8}{20} + 6\frac{15}{20} = 34\frac{23}{20}$	$27\frac{8}{20} - 6\frac{15}{20} =$	$\frac{137}{5} \times \frac{27}{4} = \frac{3699}{20} = 184\frac{19}{20}$	$\frac{27}{1} \div \frac{27}{4} =$
$= 35\frac{3}{20}$	$26\frac{28}{20} - 6\frac{15}{20} = 20\frac{13}{20}$		$\frac{1}{\cancel{27}_{1}} \times \frac{4}{\cancel{27}_{1}} = \frac{4}{1} = 4$

Write the product. 3076×72

221,472

Alex is cleaning his room and packing a box with books.

- One shelf has books that are 8 inches by 6 inches by 1-1/2 inches.
- The dimension of the box is 16 inches by 12 inches by 12 inches.
- All the books and the container are rectangular prisms.

Part A

How many books can fit in the box if the books are packed so that there is no unused space in the container?

32 books

Part B

Each book weighs 1-1/2 pounds. The maximum weight the box will hold is 45 pounds. What is the greatest number of books that can fit in the box without going over the boxes weight limit?

$45 \div 1\frac{1}{2} =$

$\frac{45}{1} \div \frac{3}{2} =$

$\frac{45}{1} \times \frac{2}{3} = \frac{90}{3} = 30$

30 books

Name _____ Summer Review # 19

Show your work (stack the numbers) show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
134.4 + 19.2 =	134.4 - 19.2 =	134.4 x 19.2 =	134.4 ÷ 19.2 =
153.6	115.2	2580.48	7

Round to the nearest hundredths.

853.505 853.51 328.054 328.05 972.749 972.75

Use this table to solve the problem

Item	Cost per package
muffins	$4.99
String cheese	$2.98

Josie buys 1 package of muffins and 2 packages of string cheese. She gives the store clerk a twenty dollar bill. What is the total amount of money that Josie should receive back from the clerk?

$9.10

Muffins: $4.99 x 1 = $4.99

String Cheese: $2.98 x 2 = $5.96

Total: $4.99 + $5.96 = $10.95

Change: $20.00 - 10.95 = $9.05

Samantha has hair ribbons that are all equal in length. She lines them up end to end. The line of hair ribbons is 9 feet long, Samantha says there are 6 hair ribbons. What is the length of one hair ribbon **in feet?**

$\frac{9}{6} = 1\frac{3}{6} = 1\frac{1}{2}$

1.5 or $1\frac{1}{2}$ feet

What is the length of one hair ribbon **in inches?**

18 in.

Explain the difference between a square and a rhombus.

A square has four 90° angles and four equal sides.

A rhombus must have four equal sides but not four 90° angles.

Name _____ Summer Review # 20

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$18\frac{2}{5} + 6\frac{1}{4} =$	$18\frac{2}{5} - 6\frac{1}{4} =$	$18\frac{2}{5} \times 6\frac{1}{4} =$	$18 \div 6\frac{1}{4} =$
$18\frac{8}{20} + 6\frac{5}{20} = 24\frac{13}{20}$	$18\frac{8}{20} - 6\frac{5}{20} = 12\frac{3}{20}$	$\frac{92}{\cancel{5}_{1}} \times \frac{\cancel{25}^{5}}{4} = \frac{460}{4} = 115$	$\frac{18}{1} \div \frac{25}{4} =$ $\frac{18}{1} \times \frac{4}{25} = \frac{72}{25} = 2\frac{22}{25}$

Write the product. 4106×53

217,618

Megan is cleaning her closet and packing a large tub with shoe boxes.

- The dimensions of the shoe boxes are 12 inches by 8 inches by 4 inches.
- The dimension of the box is 24 inches by 24 inches by 16 inches.
- All the shoe boxes and the tub are rectangular prisms.

Part A

How many shoe boxes can fit in the tub if the shoe boxes are packed so that there is no unused space in the tub?

24 shoe boxes

Part B

Each shoe box weighs 2 pounds. The maximum weight that Megan can lift is 40 pounds.
What is the greatest number of shoe boxes that can fit in the box without going over Megan's weight limit?

$40 \div 2 = 20$

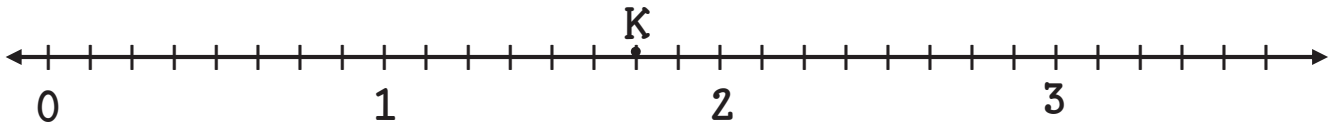
20 shoe boxes

Name _____ Summer Review # 21

Show your work (stack the numbers) show any regrouping

Find the sum	Find the difference	Find the product	Find the quotient
380.38 + 26.6 =	380.38 – 26.6 =	380.38 x 26.6 =	380.38 ÷ 26.6 =
406.98	353.78	10,118.108	14.3

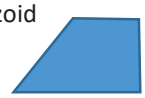
Kevin and John rode their bikes home from the video game store. The distance Kevin rode, in miles, is shown by point K on the number line.



John rode his bike $\frac{3}{4}$ of a mile more than Kevin rode. Write the distance, in miles, Kevin rode.

$2\frac{1}{2}$ miles

Determine which category each polygon belongs to. Mark all boxes that apply. Shapes may belong to more than one category. If the polygon is note a square, parallelogram, or quadrilateral select None of These.

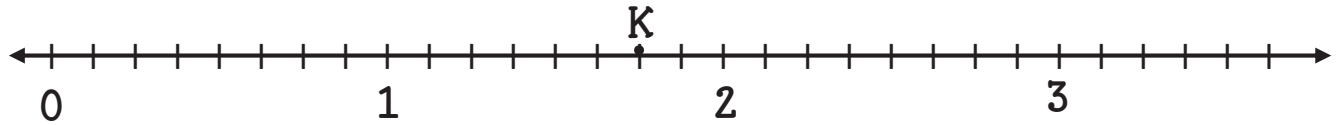
	Square	Parallelogram	Quadrilateral	None of These
Rhombus 	☐	☒	☒	☐
Octagon 	☐	☐	☐	☒
Trapezoid 	☐	☐	☒	☐

Name _____ Summer Review # 22

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$22\frac{1}{3} + 7\frac{1}{4} =$	$22\frac{1}{3} - 7\frac{1}{4} =$	$22\frac{1}{3} \times 7\frac{1}{4} =$	$22 \div 7\frac{1}{4} =$
$22\frac{4}{12} + 7\frac{3}{12} = 29\frac{7}{12}$	$22\frac{4}{12} - 7\frac{3}{12} = 15\frac{1}{12}$	$\frac{67}{3} \times \frac{29}{4} = \frac{1943}{12} = 161\frac{11}{12}$	$\frac{22}{1} \div \frac{29}{4} =$ $\frac{22}{1} \times \frac{4}{29} = \frac{88}{29} = 3\frac{1}{29}$

Katy and Josie rode their bikes home from the fabric store. The distance Katie rode, in miles, is shown by point K on the number line.

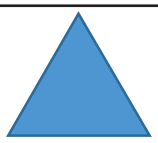
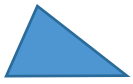


Josie rode her bike $\frac{1}{2}$ of a mile less than Katy rode.

Write the distance, in miles, Katy rode.

$1\frac{1}{4}$ miles

Determine which category each triangle belongs to. Mark all boxes that apply. Shapes may belong to more than one category.

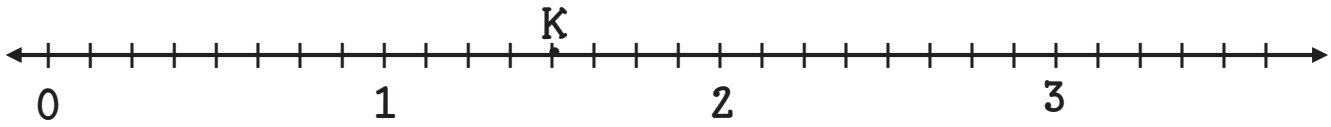
	Acute Triangle	Obtuse Triangle	Right Triangle	Isosceles Triangle	Scalene Triangle	Equilateral Triangle
	☐	☐	☒	☒	☐	☐
	☒	☐	☐	☒	☐	☐
	☐	☒	☐	☐	☒	☐
	☒	☐	☐	☐	☒	☐

Name _____ Summer Review # 23

Show your work (stack the numbers) show any regrouping

Find the sum	Find the difference	Find the product	Find the quotient
100.5 + 25.25 =	100.5 – 25.25 =	100.5 × 25.25 =	100.5 ÷ .25 =
125.75	75.25	2,537.625	402

Kyle and Jim rode their bikes home from the ballfield. The distance Kyle rode, in miles, is shown by point K on the number line.



Jim rode his bike $1\frac{1}{2}$ times farther than Kyle rode.

Write the distance, in miles, Kyle rode.

$2\frac{1}{2}$ miles

Determine which category each polygon belongs to. Mark all boxes that apply. Shapes may belong to more than one category. If the polygon is note a square, parallelogram, or quadrilateral select None of These.

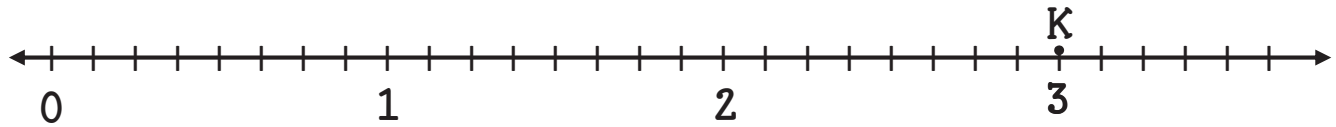
	Square	Parallelogram	Quadrilateral	None of These
rectangle 	☐	☒	☒	☐
rhombus 	☒	☒	☒	☐
pentagon 	☐	☐	☐	☒

Name _____ Summer Review # 24

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$18\frac{1}{3} + 4\frac{3}{5} =$	$18\frac{1}{3} - 4\frac{3}{5} =$	$18\frac{1}{3} \times 4\frac{3}{5} =$	$18 \div 4\frac{3}{5} =$
$18\frac{5}{15} + 4\frac{9}{15} = 22\frac{14}{15}$	$18\frac{5}{15} - 4\frac{9}{15} =$ $17\frac{20}{15} - 4\frac{9}{15} = 13\frac{11}{15}$	$\frac{\cancel{55}^{11}}{3} \times \frac{23}{\cancel{5}_{1}} = \frac{253}{3} = 84\frac{1}{3}$	$\frac{18}{1} \div \frac{23}{5} =$ $\frac{27}{1} \times \frac{5}{23} = \frac{135}{23} = 5\frac{20}{23}$

Kassy and Jenny rode their bikes home from the craft fair. The distance Kassy rode, in miles, is shown by point K on the number line.



Jenny rode her bike $\frac{1}{2}$ as far as Kassy rode.

Write the distance, in miles, Kassy rode.

$1\frac{1}{2}$ miles

Determine which category each triangle belongs to. Mark all boxes that apply. Shapes may belong to more than one category.

	Acute Triangle	Obtuse Triangle	Right Triangle	Isosceles Triangle	Scalene Triangle	Equilateral Triangle
	☒	☐	☐	☒	☐	☐
	☐	☒	☐	☒	☐	☐
	☐	☐	☒	☐	☒	☐
	☒	☐	☐	☐	☐	☒

Name _____ Summer Review # 25

Show your work (stack the numbers) show any regrouping

Find the sum	Find the difference	Find the product	Find the quotient
100.5 + 12.25 =	100.5 – 12.25 =	100.5 × 12.25 =	100.5 ÷ .12 =
112.75	88.25	1,231.125	837.5

Write the number of quarts equal to 36 cups. 9 quarts

Write the number of ounces equal to 5 pounds. 80 ounces

Write the number of feet equal to 10 yards. 30 feet

Write the number of meters equal to 3 kilometers. 3,000 meters

Write the number of grams equal to 5,000 milligrams. 5 grams

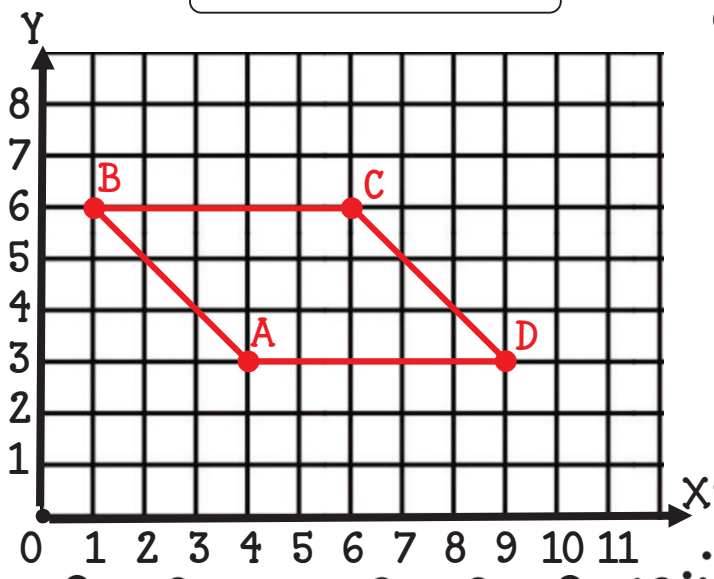
Write the number of milliliters equal to 2 liters. 2,000 milliliters

Plot and label the points below

A (4, 3) B (1, 6)

C (6, 6) D (9, 3)

Connect A to B, B to C, C to D, and D to A



What shape did you draw?

Parallelogram

Name _____ Summer Review # 26

Show your work remember to show any **regrouping**

Find the sum	Find the difference	Find the product	Find the quotient
$17\frac{3}{4} + 5\frac{2}{5} =$	$17\frac{3}{4} - 5\frac{2}{5} =$	$17\frac{3}{4} \times 5\frac{2}{5} =$	$17 \div 5\frac{2}{5} =$
$17\frac{15}{20} + 5\frac{8}{20} = 22\frac{23}{20}$ $= 23\frac{3}{20}$	$17\frac{15}{20} - 5\frac{8}{20} = 12\frac{7}{20}$	$\frac{71}{4} \times \frac{27}{5} = \frac{1917}{20} = 95\frac{17}{20}$	$\frac{17}{1} \div \frac{27}{5} =$ $\frac{17}{1} \times \frac{5}{27} = \frac{85}{27} = 3\frac{4}{27}$

Write the number of cups equal to 12 quarts. 48 cups

Write the number of pounds equal to 48 ounces. 16 pounds

Write the number of yards equal to 24 feet. 8 yards

Write the number of kilometers equal to 2000 meters. 2 kilometers

Write the number of milligrams equal to 15 grams. 15,000 milligrams

Write the number of liters equal to 1500 milliliters. 1.5 liters

Plot and label the points below

A (6, 0) B (3, 4)

C (6, 8) D (9, 4)

Connect A to B, B to C, C to D, and D to A

What shape did you draw?

Rhombus or Parallelogram