5TH GRADE SUMMER MATH PACKET

Dear Rising Sixth Graders,

This summer, I encourage you to continue to foster a belief in the importance and enjoyment of mathematics at home. Being actively involved in mathematical activities enhances learning. In preparation for the 2025-2026 school year, you are required to complete a summer math review packet. Your packet focuses on the concepts and skills necessary for your success in 6th Grade Math.

The topics within this packet are important foundational concepts. ***READ THE INSTRUCTIONS***. Even if it doesn't say "Show Your Work" at the top of the page, you are expected to show your work on all pages. If you need extra space, you must use and attach scratch paper to the packet.

Please bring your completed math packet (with scratch work attached if needed) on the first day of school in August. Your 6th Grade Math teacher will be collecting them, and the packets will be graded for timeliness and thoroughness of completion.

You may always email me if you have questions or need help on any pages: czlaket@stmichael.net.

Happy Summer! I'm so proud of all your hard work!

– Miss Z

THINGS YOU SHOULD KNOW

Measurement Conversions:

Metric Length	Metric Weight	Metric Capacity
10 mm = 1 cm 100 cm = 1 m 1,000 mm = 1 m 1,000 m = 1 km	1 kg = 1,000 g 1 g = 1,000 mg	1 kL = 1,000 L 1 L = 1,000 mL

Standard Length	Standard Weight	Metric Capacity
1 mi. = 1,700 yd. 1 mi. = 5,280 ft. 1 yd. = 3 ft. 1 ft. = 12 in.	16 oz. = 1 lb. 1 T = 2,000 lbs.	1 gal = 4 qt. 1 gal = 128 fl oz. 1 qt. = 2 pts. 1 pt. = 2 c. 1 c. = 8 fl oz.

Formulas:

Area of squares and rectangles: A = l•w

Volume of rectangular prisms: V = l•w•h

Order of Operations:

- Parenthesis
- Exponents
- Multiplication OR Division (from left to right)
- Addition OR Subtraction (from left to right)

Decimal Operations:

	The Steps
Add	• Line up the decimals. • Fill in empty spaces with a zero. • Add. • Drop the decimal down into your answer.
Subtract	• Line up the decimals. • Fill in empty spaces with a zero. • Subtract. • Drop the decimal down into your answer.
Multiply	• Multiply as you normally would. • Count the number of decimal places in the factors. • The product should have the same number of decimal places as the factors.
Divide	• Divide as you normally would. • Float the decimal up into your answer.

Fraction Operations:

	The Steps
Add	• Re-write each fraction with the LCD. • Add the numerators. • Simplify.
Subtract	• Re-write mixed numbers as improper fractions. • Re-write each fraction with the LCD. • Subtract the numerators. • Simplify.
Multiply	• Re-write mixed numbers as improper fractions. • Multiply straight across. • Simplify.
Divide	• Re-write mixed numbers as improper fractions. • Flip the second fraction. • Change the division sign to multiplication. • Multiply straight across. • Simplify.

SIMPLIFYING EXPRESSIONS

Simplify each expression using the order of operations.

1) $60 - (2 \cdot 4) - 9$	2) $2[3 + 2(5 - 1)]$	3) $10 + (6 \div 2) - 4$	4) $6 + 2[5 + (2 \cdot 3)]$
5) $6(2 + 3) - 3(8 - 2)$	6) $15 + 3[2(5 + 4) - 2]$	7) $2(5) - 10$	8) $18 - 2[14 - 3(2)]$
9) $2 + 14 \cdot 2 \div 4$	10) $81 \div 27 \cdot (8 - 5)$	11) $\frac{15 + 30}{6 - 1}$	12) $24 - 2(9)$
13) $4 + 2(3 \cdot 4)$	14) $40 \div 4 \cdot (3 - 2)$	15) $(16 - 4) \cdot 4 + 3$	16) $120 - 5[2(3 \cdot 2) - 2]$

WRITING EXPRESSIONS

Write an expression to represent each verbal phrase.

1) Subtract 9 and 2, then multiply by 4.	2) Divide 8 by 2 and then add 1.	3) Triple 4 and then add 6.
4) Add 2 and 8 and then multiply by 2.	5) Double 6 and then divide by 3.	6) Add 4, 6 and 13.
7) Subtract 9 and 2 and add 5.	8) 4 plus the product of 2 and 7.	9) The sum of 6 times 5 and 9 minus 2.
10) 8 less than the quotient of 20 and 5.	11) The product of 4 and triple the number 2.	12) Multiply 5 and 7 and then divide by 5.
13) The difference of four times four and six.	14) 4 more than the difference of 10 and 2.	15) 20 divided by the product of 2 and 4.

MULTI-DIGIT MULTIPLICATION

1) 452 • 82	2) 5,212 • 40	3) 326 • 30
4) 182 • 63	5) 948 • 45	6) 415 • 12
7) 1,255 • 81	8) 4,124 • 22	9) 1,800 • 45

10) A box contains 32 candy bars. How many candy bars would be in a shipment of 563 boxes?

11) 164 books were sold in a bookstore today. If the same number were sold each day, how many books would be sold after 24 days?

12) A stadium has 1,200 rows of seats. Each row has 82 seats. How many people can fit in the stadium?

MULTI-DIGIT DIVISION

1) 186 ÷ 62	2) 525 ÷ 15	3) 896 ÷ 14
4) 288 ÷ 32	5) 688 ÷ 86	6) 156 ÷ 12
7) 1,232 ÷ 14	8) 540 ÷ 20	9) 720 ÷ 48

10) A bag of candy contains 24 pieces. How many bags are needed for a school of 864 students if each student receives one piece?

11) Construction paper comes 16 sheets per pack. How many packs need to be purchased in order to get 224 pieces?

12) A theater has rows of 32 seats. How many rows are needed if 960 people attend a performance at the theater?

EXPANDED FORM

1) Write 5.482 in expanded form using fractions.	2) Write 38.25 in expanded form using fractions.	3) Write 4.082 in expanded form using fractions.
4) Write "fifteen and two hundredths" numerically.	5) Expand: $(8 \bullet 10) + (4 \bullet 1) + (5 \bullet \frac{1}{100})$	6) Expand $(5 \bullet 100) + (2 \bullet \frac{1}{10})$
7) Write 800.124 in expanded form using decimals.	8) Write "four thousand three hundred one" numerically.	9) Write "nine and two tenths" numerically.
10) Write a number equivalent to 0.7.	11) Write a number equivalent to 0.4050.	12) Write a number equivalent to 6.203.
13) Write 250.6 in expanded form using fractions.	14) Write 0.046 in expanded form using fractions.	15) Write a number equivalent to 400.39.

MEASUREMENT CONVERSIONS

1) How many quarts are in 9 gallons?	2) How many gallons are in 44 quarts?	3) How many cups are in 6 pints?
4) How many feet are in 3.5 yards?	5) How many centimeters are in 5½ meters?	6) How many quarts are in 2.5 gallons?
7) How many pints are in 4 quarts?	8) How many inches are in 2¾ yards?	9) How many centimeters are in 3½ meters?
10) How many meters are in 450 centimeters?	11) How many yards are in 38 inches?	12) How many gallons are in 10 quarts?
13) How many pints are in 4 gallons?	14) How many pints are in 40 ounces?	15) How many feet are in 2.4 yards?

LINE PLOTS

Create a line plot with the given information.

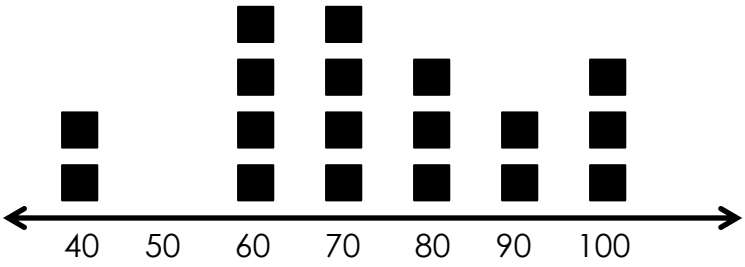
1. The ages of kids in an art club:

6, 8, 9, 8, 7, 10, 8, 9, 7, 7, 6, 9, 10, 10, 8, 8

2. The height of flowers in a garden:

12, 16, 17, 15, 16, 14, 15, 16, 17, 14, 14, 16, 19, 12, 14, 17

Use the line plot below to answer # 3 – 5.



3. The line plot shows test scores for a 10 question quiz. How many students scored higher than 70%?

4. How many students got a perfect score?

5. How many students scored 60% or lower?

ROUNDING DECIMALS

1) Round 15.435 to the nearest tenth.	2) Round 567.065 to the nearest hundredth.	3) Round 874.32 to the nearest ten.
4) Round 4.623 to the nearest whole number.	5) Round 0.7845 to the nearest hundredth.	6) Round 71.963 to the nearest tenth.
7) Round 6.8245 to the nearest tenth.	8) Round 182.675 to the nearest hundred.	9) Round 42.96 to the nearest ten.
10) Round 18.096 to the nearest whole number.	11) Round 14.6734 to the nearest hundredth.	12) Round 28.946 to the nearest tenth.
13) Round 104.642 to the nearest tenth.	14) Round 13.811 to the nearest whole number.	15) Round 23.462 to the nearest hundredth.

ADDING DECIMALS

1) 13.2 + 6.84	2) 19.12 + 0.45	3) 9.326 + 1.42	4) 20.6 + 320.86
5) 12.89 + 4	6) 5.032 + 9.6	7) 15.5 + 3.04	8) 16.32 + 19.404
9) You buy 2.67 pounds of apples and 4.9 pounds of oranges. How many pounds of fruit did you buy?		10) Emma grew 2.6 inches last summer and 1.89 during the school year. How much did she grow over the last year?	
11) Gina has three rolls of ribbon. One roll has 12.6 inches, the second has 18.24 inches long and the last has 19.05 inches of ribbon. How much ribbon does she have?		12) Mark ran 5.23 miles yesterday, 6.4 miles today and will run 2.14 miles tomorrow. How far will he run over the three days?	

SUBTRACTING DECIMALS

1) 15.2 – 6.25	2) 9.35 – 0.6	3) 10.362 – 1.2	4) 30.5 – 3.23
5) 12.9 – 8.2	6) 8 – 0.25	7) 15.5 – 3	8) 16.32 – 8.1
9) Your lunch bill is $13.14. A friend pays $6.99. How much is left to pay?		10) You cut a 2.675 foot section from an 8.9 foot piece of wood. How much is left?	
11) Ryan bought 5.67 pounds of candy and ate 2.9 pounds. How much is left?		12) Travis has a $20 gift card. He spent $9.62 and then another $2.49. How much is left on the gift card?	

MULTIPLYING DECIMALS

1) 3.2 • 4.6	2) 8.9 • 4.1	3) 6.2 • 3.9	4) 8.2 • 0.4
5) 6.12 • 4.3	6) 9.86 • 0.2	7) 4.32 • 0.15	8) 62.3 • 1.4
9) 5.82 • 1.6	10) 13.45 • 2.2	11) 20.04 • 8.4	12) 50.4 • 0.22
13) Veronica ran 2.5 times around a 4.62 mile course. How far did she run?		14) A car drove 5 times around a 3.67 mile track. How far did it travel?	

DIVIDING DECIMALS

1) 13.2 ÷ 6	2) 9.4 ÷ 2	3) 8.3 ÷ 5	4) 29.2 ÷ 4
5) 25.2 ÷ 5	6) 6.4 ÷ 8	7) 10.35 ÷ 9	8) 30.4 ÷ 8
9) A 32.34 inch piece of ribbon is cut into 6 pieces. How long is each piece?		10) A 14.24 pound bag of cheese is split among 5 pizzas. How much chees is on each pizza?	
11) An 8.2 pound bag of candy is shared equally among 10 teachers. How much candy did each teacher get?		12) A 6.5 foot long piece of wood is cut into 5 sections. How long is each section?	

COMPARE & ORDER DECIMALS

1) Use <, >, or = to compare the two numbers. 4.5 _____ 4.420	2) Use <, >, or = to compare the two numbers. 0.67 _____ 0.8	3) Use <, >, or = to compare the two numbers. 0.125 _____ 0.2
4) Use <, >, or = to compare the two numbers. 0.82 _____ 0.820	5) Use <, >, or = to compare the two numbers. 62.4 _____ 6.24	6) Use <, >, or = to compare the two numbers. 5.23 _____ 5.3
7) Put the numbers in order from least to greatest. 0.3, 0.13, 0.32, 0.303	8) Put the numbers in order from least to greatest. 8.2, 0.82, 0.8, 0.08	9) Use <, >, or = to compare the two numbers. 9.62 _____ 9.504
10) Put the numbers in order from greatest to least. 24.4, 24.54, 24.304, 24.24	11) Put the numbers in order from greatest to least. 6.05, 6.007, 6.5, 6.25	12) Use <, >, or = to compare the two numbers. 1.324 _____ 1.42
13) Put the numbers in order from greatest to least. 0.2, 0.02, 0.22, 0.022	14) Put the numbers in order from greatest to least. 5.14, 5.4, 5.04, 5.1, 5.41	15) Put the numbers in order from least to greatest. 2.96, 2.9, 2.609, 2.906, 2.6

ADDING FRACTIONS

1) $\frac{1}{2}+6\frac{2}{3}$	2) $\frac{5}{8}+2$	3) $\frac{9}{10}+3\frac{1}{2}$	4) $4\frac{1}{5}+6\frac{1}{2}$
5) $3\frac{1}{4}+4\frac{1}{2}$	6) $9\frac{1}{3}+4\frac{5}{6}$	7) $\frac{11}{12}+\frac{3}{4}$	8) $2\frac{1}{3}+4\frac{1}{5}$
9) Jake ran $3\frac{1}{2}$ miles Saturday and $4\frac{5}{6}$ miles Sunday. How far did he run over the weekend?		10) Three sixth grade classes had a pizza party. They ate $4\frac{3}{4}$, $5\frac{1}{6}$ and $6\frac{3}{8}$ pizzas. How much pizza did they eat altogether?	

SUBTRACTING FRACTIONS

1) $8\frac{1}{2}-4\frac{1}{5}$

2) $6\frac{3}{4}-2\frac{1}{8}$

3) $5\frac{3}{5}-1\frac{1}{3}$

4) $10\frac{4}{5}-3\frac{1}{2}$

5) $9\frac{7}{8}-\frac{2}{3}$

6) $15\frac{9}{10}-4\frac{5}{8}$

7) $8\frac{2}{3}-5\frac{1}{5}$

8) $4\frac{5}{6}-1\frac{1}{8}$

9) You cut a $2\frac{1}{3}$ foot section from an $8\frac{1}{2}$ foot long piece of wood. How much is left?

10) Wayne ran $3\frac{1}{2}$ miles out of a $9\frac{2}{3}$ mile race. How much further does he have left to run?

MULTIPLYING FRACTIONS

1) $\frac{2}{5} \cdot \frac{7}{10}$	2) $\frac{2}{3} \cdot 8$	3) $\frac{5}{6} \cdot \frac{1}{2}$	4) $10 \cdot \frac{4}{5}$
5) $3\frac{1}{2} \cdot 4$	6) $6\frac{1}{8} \cdot 2\frac{1}{2}$	7) $4\frac{2}{3} \cdot 6\frac{1}{4}$	8) $5\frac{1}{2} \cdot 5\frac{1}{2}$
9) $8\frac{1}{3} \cdot 2\frac{1}{4}$	10) $3\frac{3}{5} \cdot 6\frac{1}{5}$	11) $9\frac{1}{2} \cdot 1\frac{7}{10}$	12) $8 \cdot 2\frac{1}{2}$

13) You ran $4\frac{1}{2}$ times around a $2\frac{1}{4}$ mile track. How far did you run?

14) A car drove $5\frac{3}{5}$ times around a $2\frac{1}{8}$ mile track. How far did the car travel?

DIVIDING FRACTIONS

1) $\frac{2}{5} \div 8$

2) $\frac{5}{6} \div 4$

3) $\frac{7}{8} \div 2$

4) $\frac{9}{10} \div 4$

5) $3\frac{1}{2} \div 5$

6) $6\frac{1}{5} \div 2$

7) $9\frac{1}{3} \div 3$

8) $5\frac{2}{5} \div 2$

9) You split $8\frac{1}{2}$ pounds of strawberries equally among 5 containers. How many pounds of strawberries are in each container?

10) A $12\frac{1}{5}$ inch long piece of ribbon is cut into 4 pieces. How long is each piece?

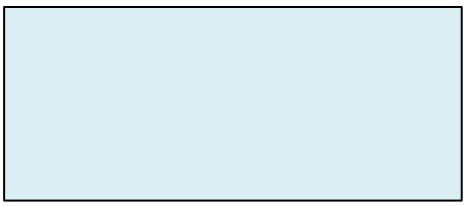
11) A $4\frac{9}{10}$ foot long piece of wood is cut into 6 sections. How long is each section?

12) A $12\frac{2}{3}$ pound bag of chocolate is split equally among 20 boxes. How much chocolate is in each box?

AREA OF QUADRILATERALS

Find the area of each shape. Figures are not drawn to scale.

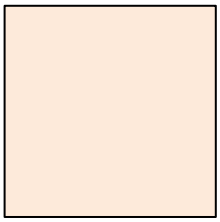
1)



4 in.

9 in.

2)



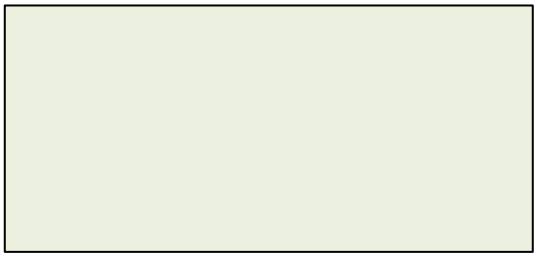
6.5 ft.

3)

2.15 cm

8 cm

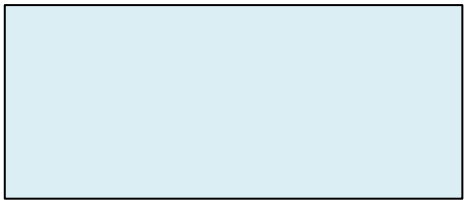
4)



4¾ in.

12½ in.

5)



3.4 m

6.8 m

6)

2.9 yd.

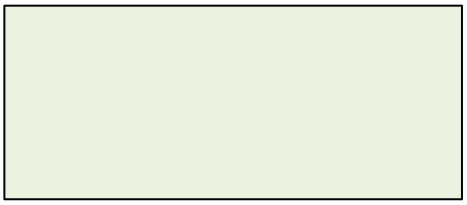
15 yd.

7)

8 in.

8¼ in.

8)

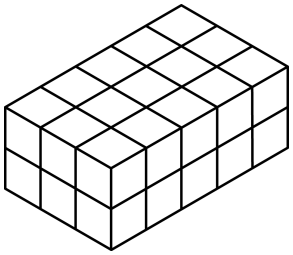


4¼ ft.

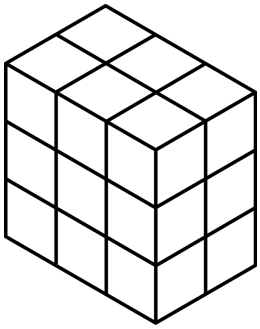
10 $^{3}/_{5}$ ft.

Find the volume of each figure. Figures are not drawn to scale.

1)



2)



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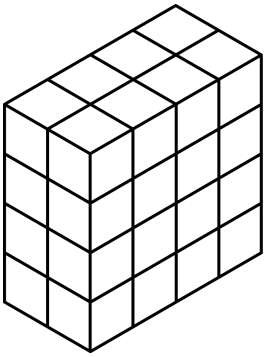

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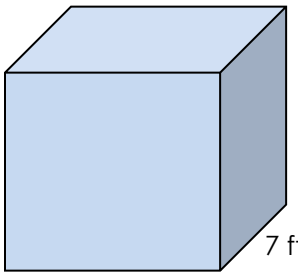

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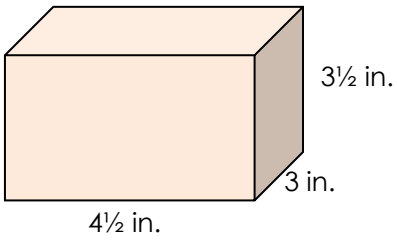

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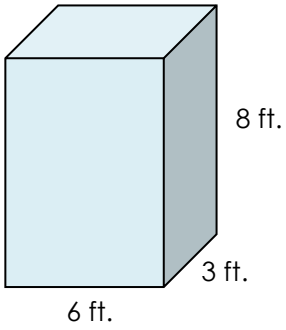

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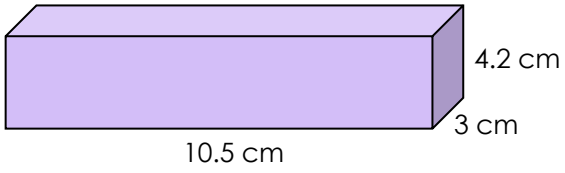

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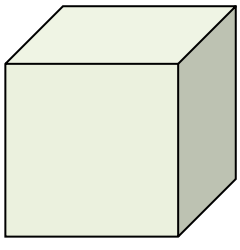


GCF AND LCM

1) Find the GCF of 44 & 14	2) Find the GCF and LCM of 5 & 8 GCF : _____ LCM : _____	3) Find the GCF of 20 & 15
4) Find the GCF and LCM of 4 & 6 GCF : _____ LCM : _____	5) Find the GCF of 30 & 40	6) Find the GCF and LCM of 16 & 6 GCF : _____ LCM : _____
7) Find the LCM of 4, 21 and 24	8) Find the GCF and LCM of 12 & 4 GCF : _____ LCM : _____	9) Find the LCM of 3 & 5
10) Find the GCF and LCM of 30 & 6 GCF : _____ LCM : _____	11) Find the LCM of 14, 20 and 30	12) Find the GCF and LCM of 6 & 12 GCF : _____ LCM : _____

DECIMAL WORD PROBLEMS

Directions: Read each problem carefully and solve. Show your work.

1) Emma is 7.8 years old. She is 1.2 times older than Gavin. How old is Gavin?	2) Eileen had $2.47 left on her lunch account. She spent $1.86 today. How much money is now left on her account?
3) Hank ran 1.6 miles on Monday, 2.08 miles on Tuesday and 3.65 miles on Wednesday. How many miles did he run over the three days?	4) Christina bought 4.2 pounds of bananas for $0.49 per pound. How much did she spend on bananas?
5) Four people split a $46.80 prize equally. How much does each person get?	6) Sam and Peter went fishing. Sam caught 12.67 pounds of fish and Sam caught 9.29 pounds of fish. They gave away 2.75 pounds. What is the weight of the fish they have left?
7) Mr. Johnson purchased 4 pieces of wood for $1.99 each and 6 pieces for $3.85 each. How much did he spend on wood?	8) Emilio makes $12.75 per hour. How much does he make for working 8.8 hours?

FRACTION WORD PROBLEMS

Directions: Read each problem carefully and solve. Show your work.

1) $\frac{4}{7}$ of a pizza was eaten. The next day, $\frac{1}{2}$ of what was left was eaten. How much is left of the original pizza?

2) Erin brought $8\frac{1}{2}$ pounds of ham to a party. Ryan brought an additional $2\frac{3}{5}$ pounds. How much ham was brought to the party?

3) Yvette ran $4\frac{7}{8}$ miles. Greg ran $1\frac{7}{10}$ miles. How much further did Yvette run?

4) A recipe calls for $5\frac{1}{3}$ cups of sugar. How much sugar will be needed if the recipe is quadrupled?

5) Betty is making $4\frac{1}{2}$ dozen cookies. She needs $1\frac{7}{8}$ cups of chocolate chips for one dozen cookies. How many cups of chocolate chips does Betty need?

6) A fish tank holds $12\frac{3}{5}$ gallons of water. The fish tank is filled $\frac{7}{8}$ of the way. How much water is in the fish tank?

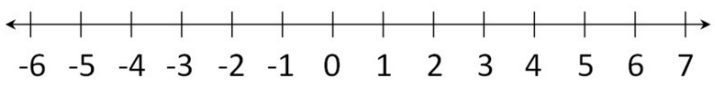
7) Liz drank $\frac{10}{12}$ of a gallon of water yesterday and $1\frac{1}{3}$ gallons today. How much water has Liz consumed over the last two days?

8) There are 40 students in an art club. $\frac{2}{5}$ of the students are females. How many students in the art club are females?

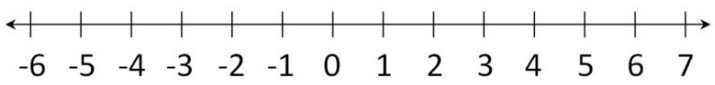
NUMBER LINES

Directions: Estimate the location of each number on the given number line.

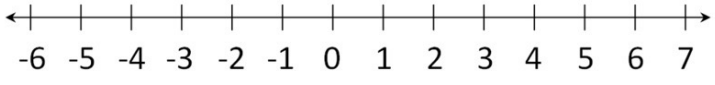
1) $^{-}2.4$



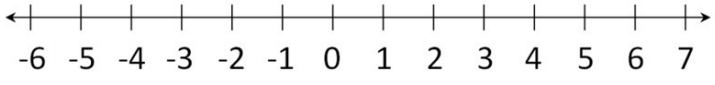
2) 5.5



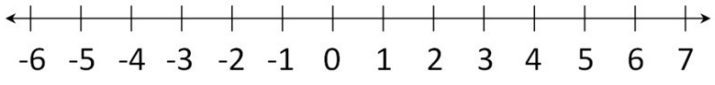
3) $^{-}4$



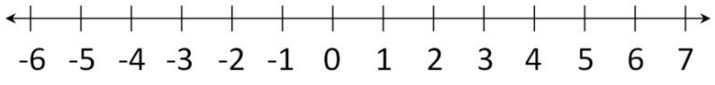
4) $1\frac{3}{4}$



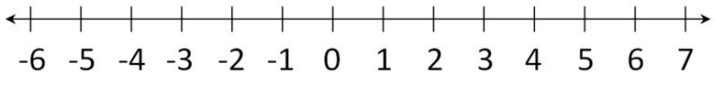
5) $^{-}\frac{1}{2}$



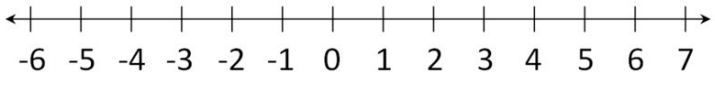
6) $^{-}2$



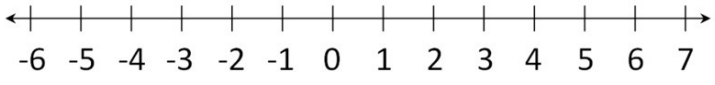
7) $6\frac{3}{4}$



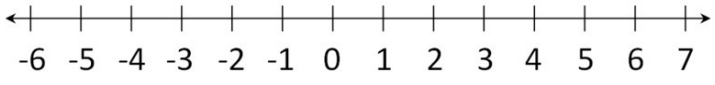
8) $\frac{3}{4}$



9) $^{-}3$



10) 3



ABSOLUTE VALUE

1) What is the definition of absolute value?

2) Find the absolute value of $^{-}5$. Explain what it means.

3) How far is 6 from zero on a number line?

4) Is the absolute value of a number the same as the opposite? Explain.

5) Find the absolute value of $^{-}4.3$. Explain what it means.

6) Find the absolute value of 0.

7) How far is $^{-}8$ from zero on a number line?

8) Find the absolute value of 1.

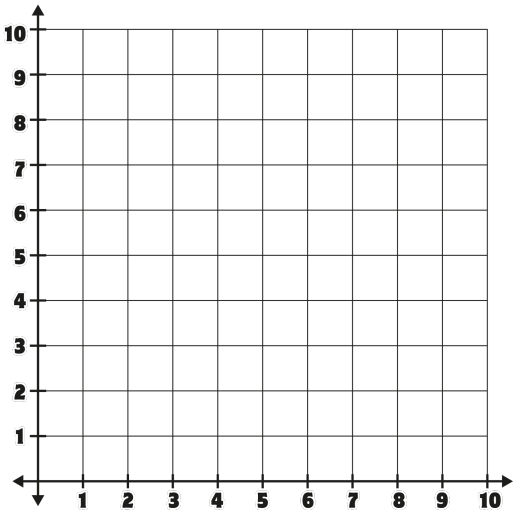
9) Find the absolute value of 8. Explain what it means.

10) Find the absolute value of 140.

THE COORDINATE PLANE

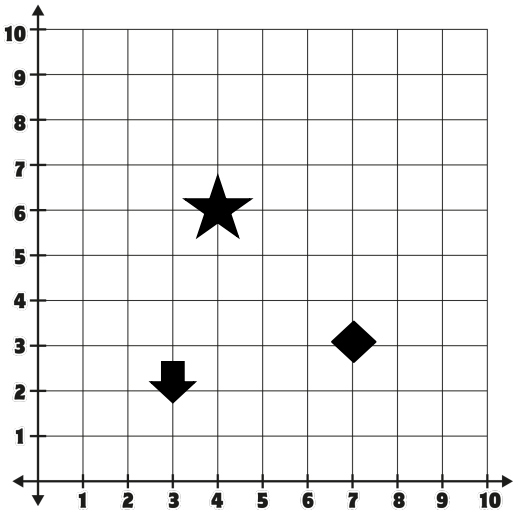
1) Plot the following points.

A. (2, 3)
B. (4, 1)
C. (6, 3)
D. (4, 5)



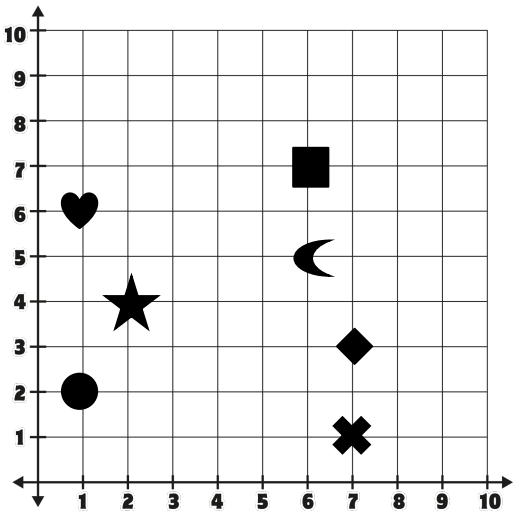
2) If you start at point (2, 2) and move right 3, then up 5, where do you end up?

3) Which shape is closest to the point (2, 5)?

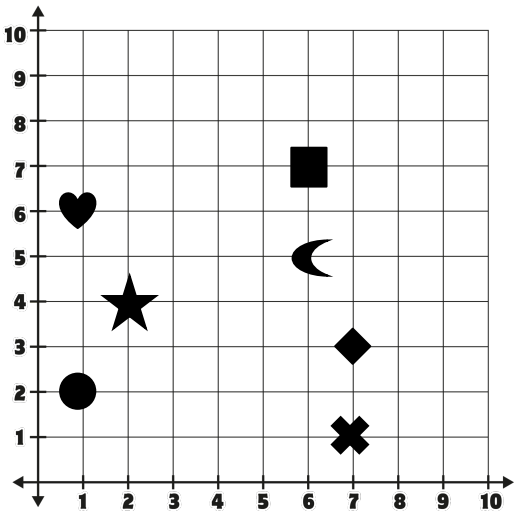


4) Based on the graph below, how much gas is left in the tank after 4 hours?

5) What shape is at (6, 7)?

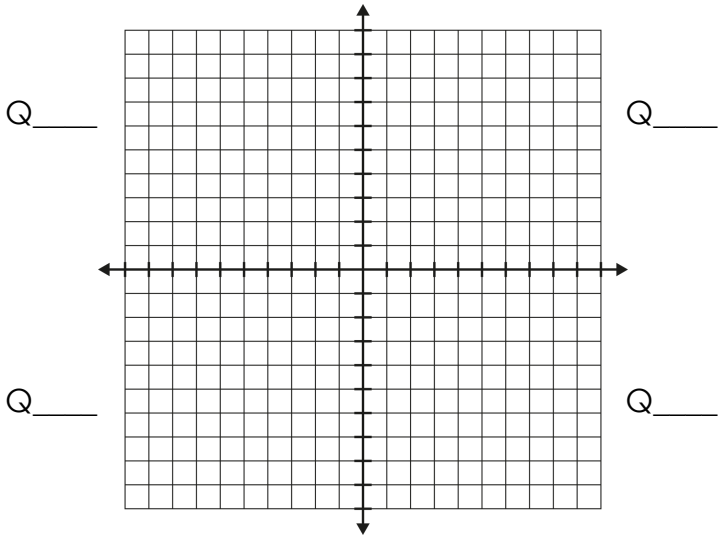


6) What are the coordinates of the heart?



QUADRANTS

1) Label each quadrant.



2) In which quadrant would you find the point $(5, -8)$? Plot it on the coordinate plane in #1.

3) In which quadrant would you find the point $(3, 9)$? Plot it on the coordinate plane in #1.

4) In which quadrant would you find the point $(-4, -4)$? Plot it on the coordinate plane in #1.

5) In which quadrant would you find the point $(-1, 6)$? Plot it on the coordinate plane in #1.

6) In which quadrant would you find the point $(1.2, -4.5)$? Estimate the location of this point on the coordinate plane in #1.

EVALUATING EXPRESSIONS

Directions: Evaluate each expression. Show your work.

1) Evaluate $4x - 8$ if $x = 4$.	2) Evaluate $^{-}3 - x$ if $x = {}^{-}4$.	3) Evaluate $6(x + 2)$ if $x = ½$.
4) Evaluate $x - 6$ if $x = 2.5$.	5) Evaluate $2(^{-}x + 5)$ if $x = 10$.	6) Evaluate $¾x$ if $x = {}^{-}¼$
7) Evaluate $3 + x - 5x$ if $x = {}^{-}3$.	8) Evaluate $3x + 8$ if $x = \frac{2}{3}$.	9) Evaluate $^{-}8x$ if $x = {}^{-}5.5$
10) Evaluate $^{-}x + 2x$ if $x = 8.2$.	11) Evaluate $^{-}2\frac{1}{2}x + \frac{5}{6}$ if $x = {}^{-}1$.	12) Evaluate $^{-}2(3x + 8)$ if $x = 0$.

WRITING INEQUALITIES

Directions: Write an inequality for each situation.

1) A number is at least $^{-}43$.	2) Twice a number is no more than 14.	3) Half a number is more than 20.
4) You can pay no more than $20 for groceries.	5) Emily has already invited 6 friends to her party. She wants to invite at least 20 people altogether.	6) The temperature is at most 20^{o} outside.
7) 7 is greater than a number.	8) A number is less than or equal to $^{-}15$.	9) $^{-}8$ is more than triple a number.
10) At least 40 students need to return their permission slips for the field trip to take place.	11) A soccer team raised more than $4,250 for charity.	12) Tim earns at most $9 an hour at his job.

SOLVING EQUATIONS

Directions: Solve each equation. Show your work.

1) $3x = 15$	2) $\frac{x}{3} = 45$	3) $x - (^-8) = 4$
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4) $9 + x = 2$	5) $^-1 + x = ^-3$	6) $^-x = 14$
7) $^-3x = 18$	8) $\frac{^-x}{5} = 20$	9) $\frac{1}{2}x = ^-8$
This is a BONUS page if you would like a challenge. Khan Academy has lots of videos if you need help. :-)		
10) $4\frac{1}{2} + x = 9$	11) $x - 14 = ^-2$	12) $x + (^-3) = ^-12$

ORDERING RATIONAL NUMBERS

1) Put the following numbers in order from least to greatest.

$0.3, 0.13, 0.32, 0.303$

2) Put the following numbers in order from greatest to least.

$6.05, 6.007, 6.5, 6.25$

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3) Put the following numbers in order from greatest to least.

$8.2, 0.82, \frac{4}{5}, 0.08$

4) Put the following numbers in order from least to greatest.

$^{-}3\frac{1}{2}, 2\frac{1}{2}, 2\frac{10}{11}, ^{-}2\frac{1}{2}$

5) Put the following numbers in order from least to greatest.

$^{-}5.2, 5.04, ^{-}5.42, ^{-}5, 5.14$

6) Put the following numbers in order from least to greatest.

$^{-}2, 2.2, ^{-}2.2, ^{-}2.02, 2$

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7) Put the following numbers in order from greatest to least.

$\frac{^{-}2}{5}, 2.5, ^{-}0.42, ^{-}2.2, 0.22$

8) Put the following numbers in order from greatest to least.

$\frac{1}{5}, 0.02, \frac{11}{50}, 0.022$

UNIT RATE

1) $4.50 for 2 gallons of gas.	2) $14.80 for 4 pounds of fruit.	3) 145 miles on 9 gallons of gas.	4) $25 for seven tickets.
5) $14 for 6 drinks.	6) 11 miles in 45 minutes.	7) 918 miles in 18 hours.	8) 240 t-shirts made in 9 hours.

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9) 210 donuts can be made in 10 hours. How many can be made in 3 hours?

10) An airplane travels 475 miles in 5 hours. How far will the airplane travel in 9 hours?

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11) You bought 11 books for $42.35. How much would 15 books cost?

12) In 9 hours, 2 inches of rain fell. At this rate, how many inches would fall in 12 hours?

PERCENT OF A NUMBER

1) What is 150% of 90?	2) What is 1% of 41?	3) What is 0.4% of 42?	4) 87 is 15% of what number?
5) What is 35% of 700?	6) What is 36% of 745?	7) What is 350% of 80?	8) 24 is 40% of what number?

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9) What is 12% of 4?	10) 65 is 50% of what number?	11) What is 85% of 10?	12) What is 98% of 88?

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13) What is 6% of 33?	14) What is 68% of 98?	15) 90 is 60% of what number?	16) What is 30% of 20?

YOU DID IT!

Congratulations on finishing your summer packet!

If you want ***more*** math practice (who doesn't?!), you may always log into Khan Academy with your student email and password. You can also email me this summer and I'll help you or send you more problems to work on! :-)