Rising 5th Grade Language Arts & Math Summer Assignments 2025

Language Arts

5th grade will select **one** realistic fiction book from the following list of books:

- *Fish in a Tree* by Lynda Mullaly Hunt
- *The Unteachables* by Gordon Korman
- *Front Desk* by Kelly Yang
- *Hoot* by Carl Hiassen

After reading the book of your choice, you are required to complete one creative journal! This assignment is reflective of the work that you will complete during the 5th-grade language arts class. **This assignment is due on the first day of school and is worth 50 points.**

Directions: On a plain sheet of white paper, you will create a *creative journal* on the main character from your book. Your creative journal needs the following:

- ☐ a graphic
- ☐ color
- ☐ 2-3 character traits
- ☐ 1-2 paragraphs that explain why your character has these traits using specific examples from the novel

Please use the included examples to help you complete this assignment. Additionally, attached is a list of possible character traits that you may use for your character. You are welcome to be as creative and colorful as you would like.

While students are required to read only one book, reading all summer long is encouraged! Happy Reading!

Math

All students must have their multiplication and division facts through 12 thoroughly memorized before the start of fifth grade.

Summer math is assigned to help students retain math skills and enable the math classes to spend less time reviewing past material and forge ahead with new math skills. For the summer math requirement, you will work on a math packet. Your teachers recommend that you spend a little time each week reviewing and practicing (approximately 30 minutes). Please show all your work. **Your completed math packet is due on August 13th.** This summer math assignment is worth **50 points** and is considered the first grade of the first nine-week quarter.

We are excited to see you in August.
Love,

5th Grade Team

Creative Journals!

WHAT YOU NEED IN YOUR JOURNAL!

- color
- text evidence - paraphrasing, retelling, or direct quote (page numbers or chapters referenced)
- graphics (picture, graphic organizer, t-chart)
- thought prompts or analysis

WHAT CAN I JOURNAL ABOUT?

- Comparing & contrasting characters in the book
- Comparing & contrasting a character in the book with yourself
- When you learn a lesson from the book
- About something that makes you feel emotion
- Themes in the book
- Predictions you have about what will happen next

HOW TO ADD COLOR:

- Link it to meaning. Example: red = angry
- Headings or titles
- Highlight important words or phrases
- Sticky notes

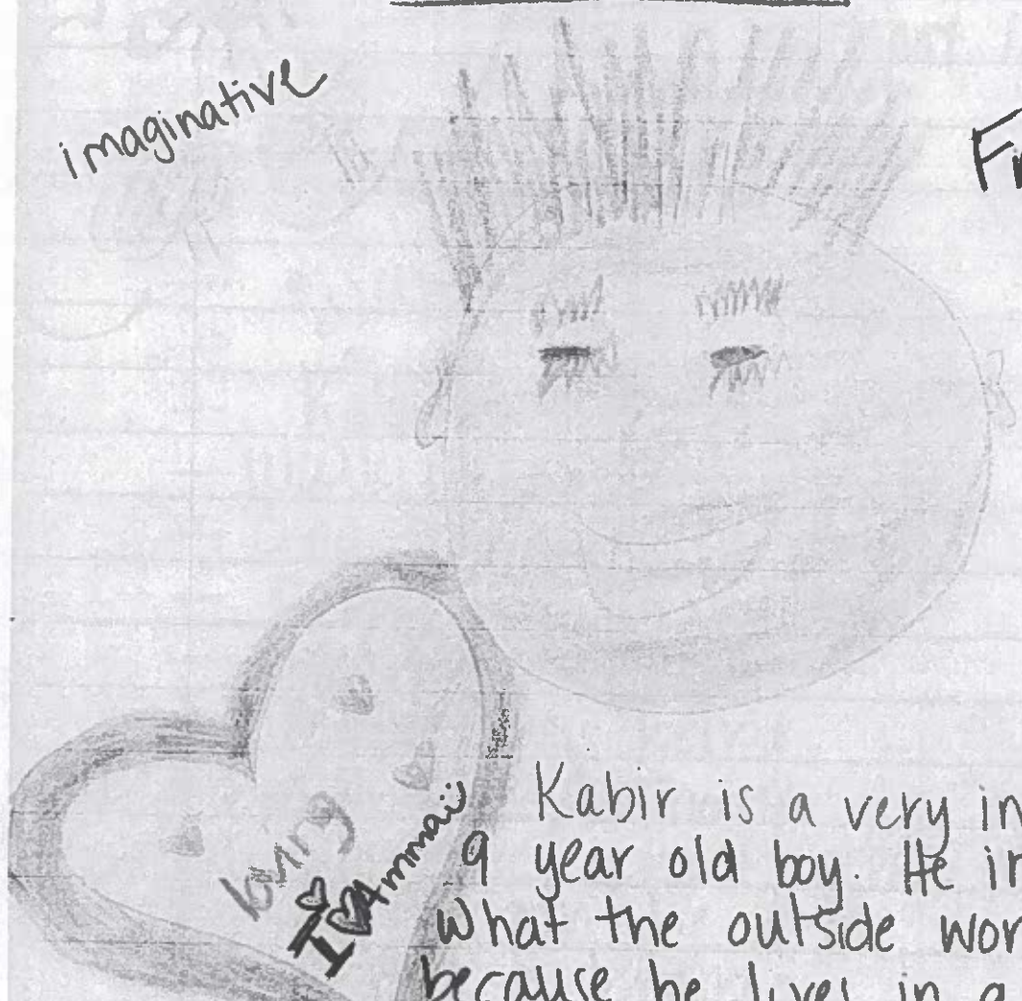
These are just a few suggestions :)

Creative Journal

Born Behind Bars

imaginative

"Frustrated"



Kabir is a very imaginative 9 year old boy. He imagines what the outside world is like because he lives in a jail cell. He imagines the big blue sky and nature. Kabir is also loving! He loves Amma, his teacher, Bedi Ma'am, and his Appa. He dreams of meeting Appa when he's finally out of jail. Lastly, Kabir is ~~frustrated~~. He is very ~~frustrated~~ by Mouse Girl and her behavior. And he's ~~frustrated~~ his Mom is in jail for

Character Traits

How is my character as a person?

nice	mean	sad
bright	angry	antisocial
cheerful	bossy	comfortless
caring	cruel	depressed
charming	dark	down
considerate	disrespectful	friendless
delightful	evil	gloomy
encouraging	harsh	glum
friendly	hateful	heartbroken
kind	impolite	heavy-hearted
likable	insensitive	hopeless
loving	raging	isolated
peaceful	rude	lonely
pleasant	selfish	lonesome
polite	spoiled	miserable
respectful	thoughtless	moody
sensitive	uncaring	sorrowful
sweet	unfriendly	unhappy
thoughtful	unpleasant	withdrawn

positive	negative
cooperative	uncooperative
calm	reactive
dependable	undependable
fair	unfair
honest	dishonest
humble	conceited
mature	immature
patient	impatient
responsible	irresponsible
trustworthy	untrustworthy

confident	nervous
assertive	anxious
brave	concerned
certain	fearful
courageous	hesitant
fearless	uncertain
independent	uneasy
sure	unsure

Does a lot	Does very little
active	bored/boring
adventurous	dull
ambitious	indifferent
bold	lazy
busy	neglectful
energetic	sluggish
hard-working	uninterested

Opposites	
calm	hyperactive
funny	serious
gentle	rough
glamorous	simple
shy	loud
quiet	noisy

Summer Assignment Rubric

Creative Journal Book:

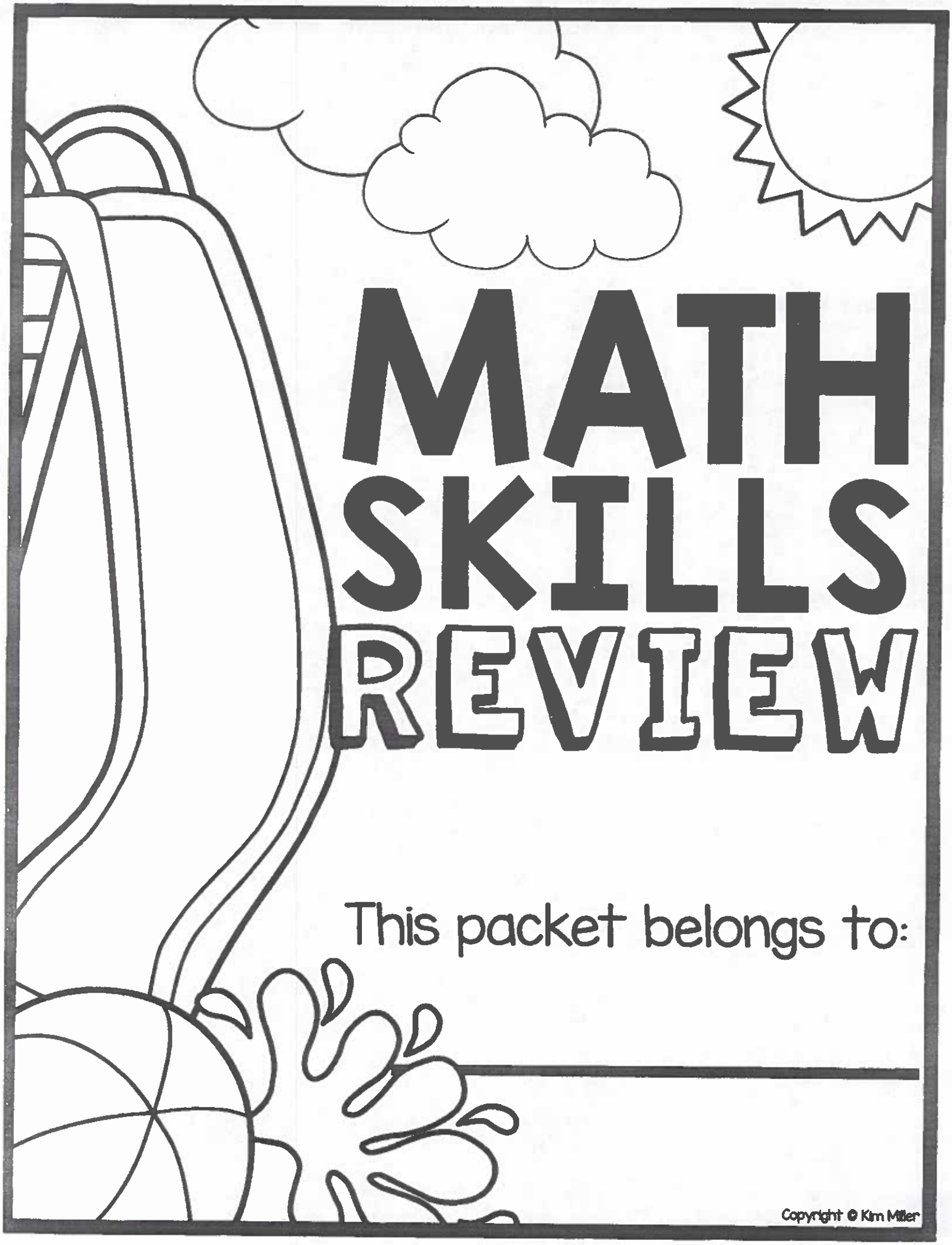
- ☐ A graphic -5 points
- ☐ Color- 5 points
- ☐ 2-3 character traits- 15 points
- ☐ 2 paragraphs that explain why your character has these traits using specific examples from the novel - 25 points

Your creative journal is worth 50 points.

POINTS RECEIVED:

_____out of 50

Teacher Comments:



MATH SKILLS REVIEW

This packet belongs to:

_____

Name _____ Date _____

Find the Value

1. Find the value of the underlined digit in the following number.

   42<u>6</u>,105

   _____

2. Circle the number that shows 5 with the <u>greatest</u> value.

   23,456 256,367

   500,342 45,237

3. How many times <u>less</u> is the 6 in the tens place than the 6 in the thousands place?

   _____

   26,460

4. Circle the digit in the thousands place in the following number.

   103,594

5. Find the value of the underlined digit in the following number.

   <u>1</u>0,478

   _____

6. Circle the number that shows 7 with the <u>least</u> value.

   70,593 39,207

   47,406 63,735

7. How many times <u>greater</u> is the 2 in the thousands place than the 2 in the hundreds place?

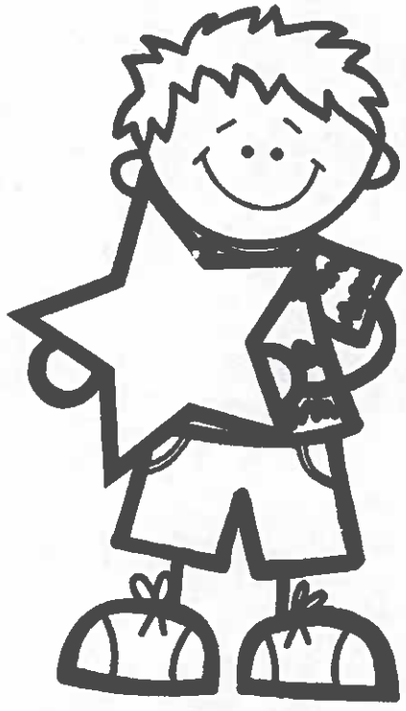
   _____

   402,255

8. Circle the number that shows 4 with the <u>greatest</u> value.

   18,642 304,562

   743,620 98,104



9. Find the value of the underlined digit in the following number.

   7<u>3</u>9,485

   _____

10. Circle the digit in the ten thousands place in the following number.

    56,403

Name _____ Date _____

Writing Whole Numbers

1. Write the following number in standard form.

two thousand, three hundred ninety-one

_____

2. Write the following number in word form.

63,281

_____

_____

3. Write the following number in expanded form.

52,473

_____

4. What number does the following represent?

400,000 + 20,000 + 6,000 + 800 + 5

5. What number does the following represent?

700,000 + 10,000 + 5,000 + 300 + 40 + 4

6. Circle the number with a digit in the ten thousands place that is less than 5.

77,872 152,326 220,154 89,392

7. Write a number with a digit in the **thousands** place <u>less than 4</u> and a digit in the **hundred thousands** place <u>greater than 5</u>.

_____

8. Write a number with a digit in the **hundreds** place <u>greater than 6</u> and a digit in the **ten thousands** place <u>less than 3</u>.

_____

Name _____ Date _____

Rounding Numbers

1. Round the following number to the nearest 10.

3,467

_____

2. Round the following number to the nearest 100.

52,329

_____

3. Round the following number to the nearest 1,000.

64,580

_____

4. Round the following number to the nearest 10,000.

572,613

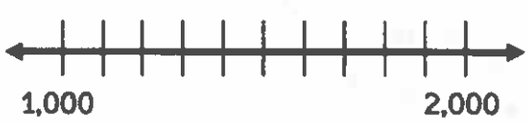
_____

5. Round the following number to the nearest 100,000.

132,045

_____

6. Place 1,400 on the number line below.



7. Round 1,400 to the nearest thousand.

_____

8. Place 4,500 on the number line below.

9. Round 4,500 to the nearest thousand.

_____

10. Round the following number to the nearest 10, 100, 1,000 and 10,000.

24,675

Nearest 10 _____ Nearest 100 _____ Nearest 1,000 _____ Nearest 10,000 _____

Name _____ Date _____

Multiplying whole numbers

1. Find the product.

$$\begin{array}{r} 37 \\ \times\ 15 \\ \hline \end{array}$$

2. Solve the following problem using partial products.

×	30	6
5		

5 × 36 = _____

3. What equation is shown by the following breaking apart method?

100 × 2 = 200
20 × 2 = 40
2 × 2 = 4

Use this space to show your work. Number your problems & circle your answer.

4. Max bought 5 boxes of cleaning wipes for his classroom. Each box cost $2.50. How much did he spend?

_____

5. Julie has 20 times as many bouncy balls as her brother. Her brother has 4. How many bouncy balls does Julie have?

6. A theater has 60 rows of seats. Each row has 42 seats. How many seats are in the theater?

_____

Use this space to show your work. Number your problems & circle your answer.

Name _____ Date _____

DIVIDING WHOLE NUMBERS

1. Find the quotient. Circle your answer.

   315 ÷ 9

2. Find the quotient. Circle your answer.

   2,225 ÷ 5

3. Find the quotient. Circle your answer.

   748 ÷ 7

4. Find the quotient. Circle your answer.

   5,887 ÷ 3

5. Use multiplication to check the answer. Decide if it is correct or incorrect.

   547 ÷ 6 = 91 r 1

   ___Correct ___Incorrect

6. Use multiplication to check the answer. Decide if it is correct or incorrect.

   763 ÷ 4 = 190 r 2

   ___Correct ___Incorrect

7. The circus sold 1,624 tickets for their upcoming event. They divided the arena into 8 equal sections. How many people were seated in each section?

   _____

8. Allie has 123 oranges to put in 11 baskets. If she evenly divides the oranges among the 11 baskets, how many oranges will be left over?

   _____

9. A summer camp needed 1,148 popsicles. Boxes of popsicles were sold with 8 in each. How many boxes did they have to buy to have enough popsicles? How many were left over?

   _____

Name _____ Date _____

Multiplication Equations

1. Jake is 9 years old. His dad is 4 times older. How old is Jake's dad?

_____

2. Laci made 6 quarts of lemonade. Sara made 3 times as many quarts as Laci. How many quarts did Sara make?

_____

3. Chad ran 5 miles. Sam ran 3 times as many miles as Chad. How many miles did Sam run?

_____

4. Write a multiplication equation to match the statement.

18 pounds is 9 times as heavy as 2

_____

5. Write a multiplication equation to match the statement.

56 apples is 8 times as many as 7

_____

6. Write a multiplication equation to match the statement.

22 days is 11 times longer than 2 days

_____

The chart below shows how much food farm animals eat each day. Fill in the blanks to make the statements true.

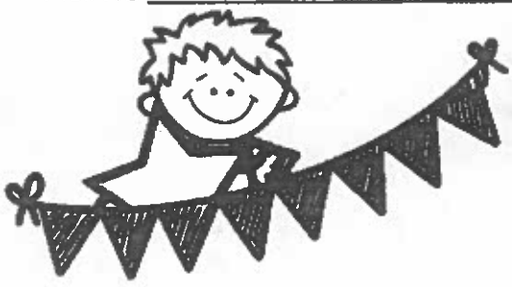
animal	horse	cow	goat	chicken
pounds of food	20 lbs.	16 lbs.	8 lbs.	2 lbs.

7. A horse eats _____ times as much as a chicken.

8. A cow eats _____ times as much as goat.

9. A goat eats _____ times as much as a chicken.

Name _____ Date _____



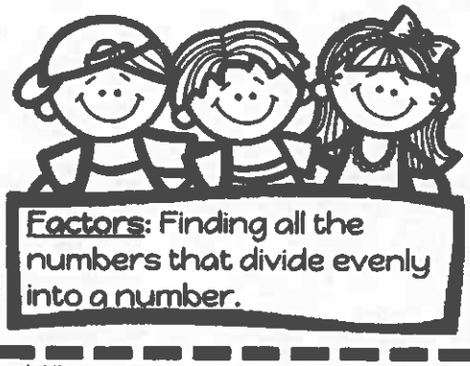
MULTI-STEP Word Problems

1. Sara had 118 pieces of candy. She kept 10 for herself and share the rest evenly among her 12 friends. How many pieces of candy did each friend get?	2. Cassie's mom bought 12 boxes of Kool-Aid for a party. Seven of the boxes had 9 packets of Kool-Aid and the other 5 boxes had 10 packets. How many packets of Kool-Aid did Cassie's mom buy?	3. John had $84 to spend on back to school clothes. He bought a shirt for $18, a pair of shoes for $32, and a pair of jeans for $25. How much money did he have left?
4. Mrs. Smith made 4 trays of cupcakes with 48 on each tray. She divided the cupcakes evenly into 12 containers. How many cupcakes were in each container?	5. Jenny went to the market. She spent $25 dollars on fruit, $18 on vegetables, and $10 on flowers. After her purchases, she had $102 left. How much money did she have before she went to the market?	6. Sam's favorite movies are on sale for $5 each. He has $32 in his wallet, but needs to save $6 for lunch. How many movies can he buy?
7. Mr. Mash had $58 dollars to give to his children. He kept $4 and then divided the rest evenly between his 3 children. How much money did each child get?	8. Matt charged $10 to wash cars. He earned $120 on Friday. On Saturday he earned $20 more than he did on Friday. How many cars did Matt wash on Friday and Saturday?	9. On a Friday afternoon, an ice cream shop sold 24 strawberry cones, 18 chocolate cones, and 12 vanilla cones. If the 2 workers made an equal number of ice cream cones, how many cones did each worker make?

Name _____ Date _____

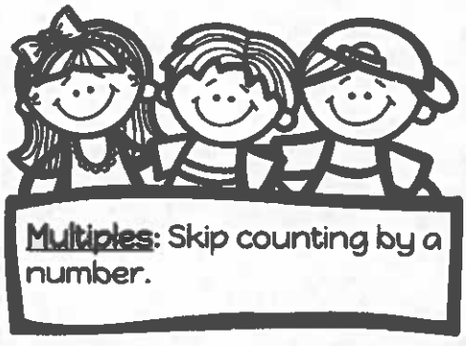
Factors and Multiples

1. What are the first 5 multiples of 3?	2. What are the first 5 multiples of 9?	3. What are the first 5 multiples of 4?
4. List the factors of 12.	5. List the factors of 21.	6. List the factors of 36.
7. 5, 10, 15, 20... is an example of skip counting, therefore these numbers are called _____ of 5.	8. 7 divides evenly into 14, therefore 7 is a _____ of 14.	9. True or False? 1, 2, 3, 6, 9 and 18 are all factors of 18.
10. List the first 5 multiples of 3 and 6. Circle the least common multiple. 3: _____ 6: _____	11. List the first 5 multiples of 4 and 5. Circle the least common multiple. 4: _____ 5: _____	12. List the first 5 multiples of 8 and 12. Circle the least common multiple. 8: _____ 12: _____



Factors: Finding all the numbers that divide evenly into a number.

Know the difference!



Multiples: Skip counting by a number.

Name _____ Date _____

FIND THE pattern

1. If the number pattern continued, what would be the next number in the sequence? **3,000, 2,950, 2,900, 2,850** _____	2. What are the missing two numbers in this pattern? **___, ___, 32, 39, 46, 53, 60**	3. If the number pattern continued, what would be the 7th number in the sequence? **105, 110, 108, 113, 111** _____
4. If the shape pattern continued, what would be the next shape in the sequence?  _____	5. If the shape pattern continued, what would be the 8th shape in the sequence?  _____	6. If the shape pattern continued, what would be the 7th shape in the sequence?  _____
7. Start at 48 and create a pattern with the rule add 3. What would be the 5th number in the pattern? 48 ___ ___ ___ ___	8. Start at 14 and create a pattern with the rule add 4, subtract 2. What would be the 6th number in the pattern? 14 ___ ___ ___ ___ ___	9. Start at 26 and create a pattern with the rule subtract 6, add 3. What would be the 6th number in the pattern? 26 ___ ___ ___ ___ ___
10. A number pattern follows this sequence. **Add 4, subtract 5, multiply by 3** and repeat. Use this pattern to fill in the blanks below. 6 ___ ___ ___ ___ ___	11. A number pattern follows this sequence. **Add 6, subtract 3, multiply by 5** and repeat. Use this pattern to fill in the blanks below. 3 ___ ___ ___ ___ ___	12. A number pattern follows this sequence. **Add 5, subtract 2, multiply by 4** and repeat. Use this pattern to fill in the blanks below. 2 ___ ___ ___ ___ ___

Name _____ Date _____

Equivalent fractions

1. Identify the fraction shown in the model. Then multiply the numerator and denominator by 2 to find an equivalent fraction.

2. Identify the fraction shown in the model. Then divide the numerator and denominator by 3 to find an equivalent fraction.

3. Identify the fraction shown in the model. Then multiply or divide to find an equivalent fraction.

4. Place the fraction $\frac{2}{6}$ on the number line below.

Now write an equivalent fraction.

$$\frac{2}{6} = \frac{\quad}{\quad}$$

5. Place the fraction $\frac{4}{8}$ on the number line below.

Now write an equivalent fraction.

$$\frac{4}{8} = \frac{\quad}{\quad}$$

6. Place the fraction $\frac{3}{5}$ on the number line below.

Now write an equivalent fraction.

$$\frac{3}{5} = \frac{\quad}{\quad}$$

7. Find the missing number in the equivalent fractions below.

$$\frac{4}{16} = \frac{1}{\quad}$$

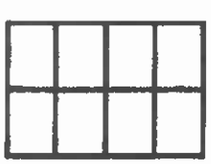
8. Find the missing number in the equivalent fractions below.

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

9. Find the missing number in the equivalent fractions below.

$$\frac{4}{12} = \frac{1}{\quad}$$

10. Color $\frac{3}{4}$ of the shape below. Then write an equivalent fraction.

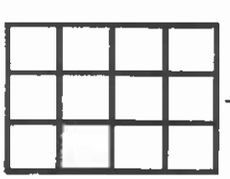


$$\frac{3}{4} = \frac{\quad}{8}$$

11. Color $\frac{2}{3}$ of the shape below. Then write an equivalent fraction.

$$\frac{2}{3} = \frac{\quad}{6}$$

12. Color $\frac{1}{4}$ of the shape below. Then write an equivalent fraction.

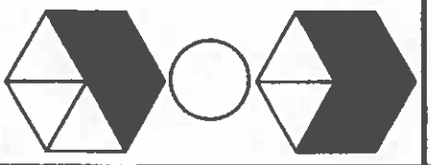


$$\frac{1}{4} = \frac{\quad}{12}$$

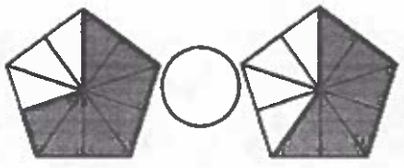
Name _____ Date _____

Comparing fractions

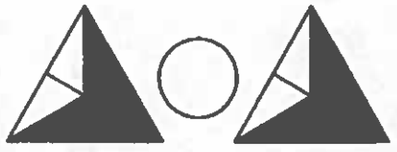
1. Fill in the circle with: <, > or =



2. Fill in the circle with: <, > or =



3. Fill in the circle with: <, > or =



4. Fill in the circle with: <, > or =

$\frac{1}{2} \bigcirc \frac{2}{3}$

5. Fill in the circle with: <, > or =

$\frac{6}{8} \bigcirc \frac{3}{4}$

6. Fill in the circle with: <, > or =

$\frac{4}{5} \bigcirc \frac{4}{6}$

7. Circle the largest fraction.

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

8. Circle the largest fraction.

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

9. Circle the largest fraction.

$\frac{3}{6}$ $\frac{5}{8}$ $\frac{1}{4}$

10. Write TRUE or FALSE beside each comparison below.

$\frac{3}{10} > \frac{3}{4}$ _____

$\frac{4}{6} = \frac{2}{3}$ _____

$\frac{5}{12} < \frac{6}{10}$ _____

11. Write TRUE or FALSE beside each comparison below.

$\frac{4}{8} = \frac{2}{4}$ _____

$\frac{5}{8} < \frac{1}{2}$ _____

$\frac{8}{10} > \frac{5}{6}$ _____

12. Write TRUE or FALSE beside each comparison below.

$\frac{3}{8} > \frac{4}{10}$ _____

$\frac{2}{3} < \frac{1}{5}$ _____

$\frac{6}{8} = \frac{3}{4}$ _____

Name _____ Date _____

adding & subtracting fractions

1. Find the difference. Show your answer in simplest form.

$\frac{7}{8} - \frac{3}{8} =$ _____

2. Find the difference. Show your answer in simplest form.

$\frac{8}{10} - \frac{2}{10} =$ _____

3. Find the difference. Show your answer in simplest form.

$\frac{6}{12} - \frac{4}{12} =$ _____

4. Find the sum. Show your answer in simplest form.

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

5. Find the sum. Show your answer in simplest form.

$\frac{3}{6} + \frac{1}{6} =$ _____

6. Find the sum. Show your answer in simplest form.

$\frac{5}{14} + \frac{3}{14} =$ _____

7. Decompose the fraction below.

$\frac{3}{8}$

$\_ + \_ + \_ = \frac{3}{8}$

8. Decompose the fraction below.

$\frac{4}{5}$

$\_ + \_ + \_ + \_ = \frac{4}{5}$

9. Decompose the fraction below.

$\frac{2}{3}$

$\_ + \_ = \frac{2}{3}$

10. Write the improper fraction as a mixed number.

$\frac{9}{4}$

11. Write the improper fraction as a mixed number.

$\frac{7}{5}$

12. Write the mixed number as an improper fraction.

$5\frac{1}{3}$

13. Write the mixed number as an improper fraction.

$2\frac{4}{9}$

Name _____ Date _____

Sizes of Units

1. Complete the table below.

yards		2		5
feet	3		12	

2. Complete the table below.

cups	2		6	
pints		2		4

3. Complete the table below.

pounds		2		4
ounces	16		48	

4. Complete the table below.

minutes	60		180	
hours		2		4

5. Complete the table below.

centimeters		300		900
meters	1		6	

6. Complete the table below.

kilometers	1		6	
meters		3,000		9,000

7. Compete the table below.

kilograms		4		9
grams	1,000		6,000	

8.

milliliters	1,000		5,000	
liters		3		8

9. A box containing 4 equally sized melons weighed 8 kilograms. What is the weight of each melon in grams?

_____

10. A 3 meter rope was cut into 6 equal lengths? How many centimeters long was each length of rope?

_____

11. A dairy cow makes 6,000 milliliters of milk per day. How many liters of milk does the cow make in 3 days?

_____

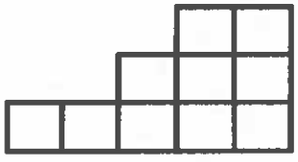
12. Maci swam around the pool in 2 minutes. Jen swam around the pool in 160 seconds. How much faster was Maci's time than Jen's time?

_____

Name _____ Date _____

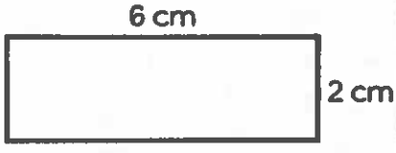
Area & Perimeter

1. Determine the square units of the figure below.



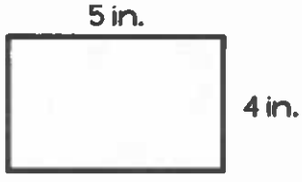
_____

2. Determine the area for the rectangle below.



_____

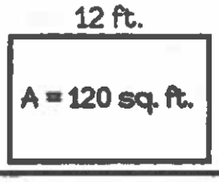
3. Determine the perimeter for the rectangle below.



_____

4. Mr. Michael has a dog pen with an area of 120 sq. feet. The length of his dog pen is 12 feet. What is its width?

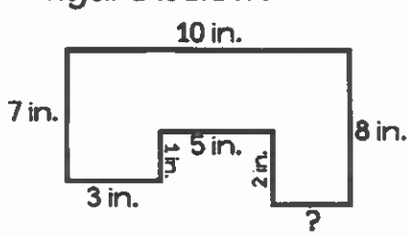
_____



5. Lani's mom wants to put a fence around her garden. How many feet of fencing will she need?

_____

6. What is the perimeter of the figure below?



_____

7. A library added a new outdoor reading section that was 24 feet by 16 feet What was the area?

_____

8. An island in the Atlantic Ocean is 10 miles wide by 6 miles long. What is the perimeter of the island?

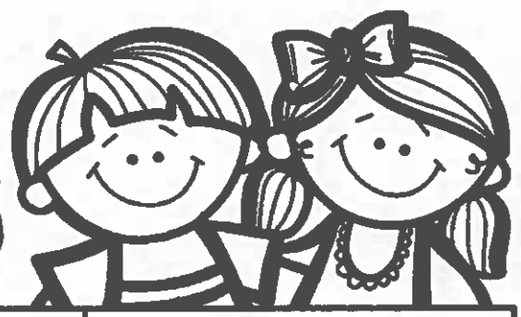
_____

9. A kiddie pool has the perimeter of 36 meters. The length of one side is 10 meters. What is the width of the pool?

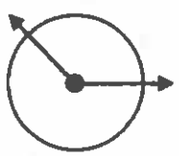
_____

Name _____ Date _____

MEASURING Angles

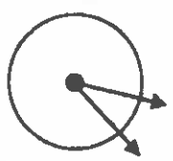


1. Based on the circular angle below. What is the best measurement for the angle?



a. less than 90°
b. more than 90°
c. more than 180°
d. less than 60°

2. Based on the circular angle below. What is the best measurement for the angle?



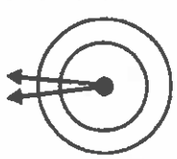
a. less than 90°
b. more than 90°
c. more than 70°
d. less than 120°

3. Calculate the value of Molly's name if an acute angle is worth 5 points, a right angle is worth 7 points, and an obtuse angle is worth 9 points.

MOLLY

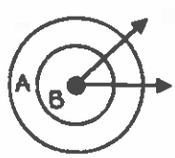
_____

4. If the angle below rotates 25° at each interval, how many times would it need to rotate to cover 180°?



_____

5. If the angle moves 2° each second which circle would it take longer to travel around?

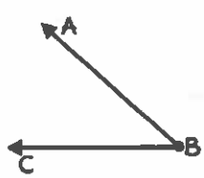


_____

6. The clock shows an angle made by the hour and minute hands. Describe the best measurement for the angle.

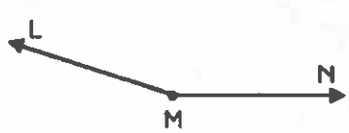
_____

7. Which choice best represents angle ∠ABC?



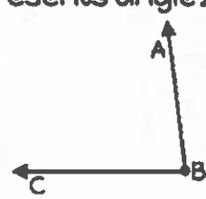
a. 90°
b. 130°
c. 45°
d. 110°

8. Which choice best represents angle ∠LMN?



a. 20°
b. 160°
c. 65°
d. 120°

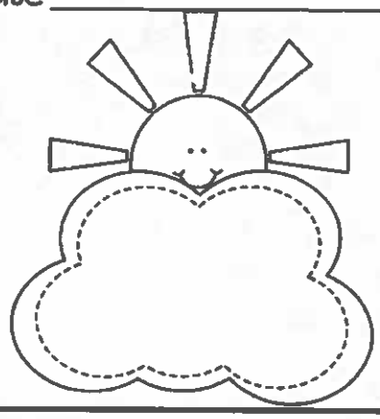
9. Which choice best represents angle ∠LMN?



a. 45°
b. 105°
c. 90°
d. 85°

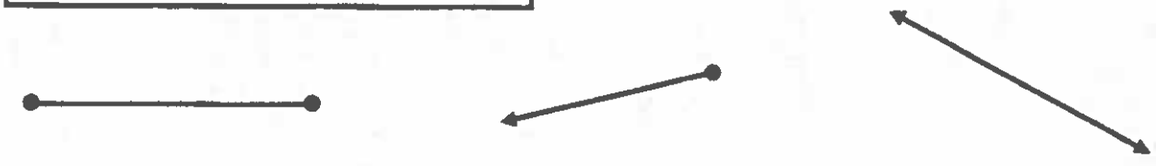
Name _____ Date _____

LINES, Angles & Rays



Use the words in the box to the label the figures correctly.

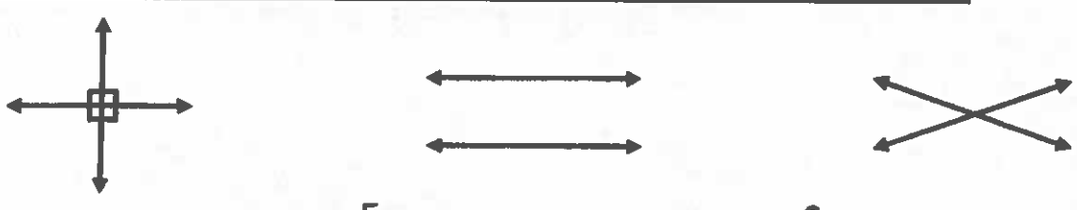
line	line segment	ray



1. _____ 2. _____ 3. _____

Use the words in the box to the label the figures correctly.

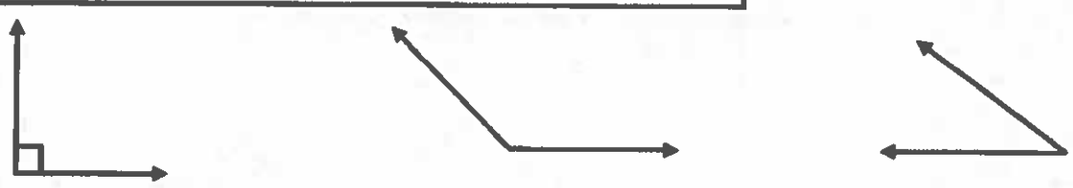
parallel lines	intersecting lines	perpendicular lines



4. _____ 5. _____ 6. _____

Use the words in the box to the label the figures correctly.

acute angle	obtuse angle	right angle

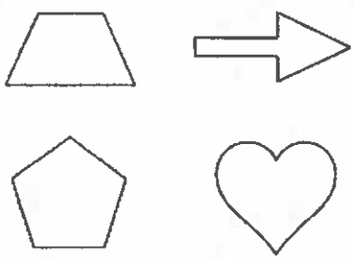


7. _____ 8. _____ 9. _____

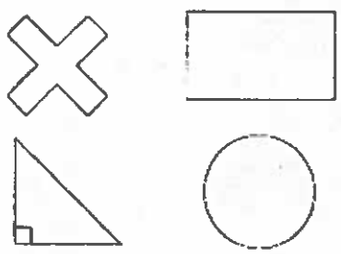
Name _____ Date _____

Classifying Shapes

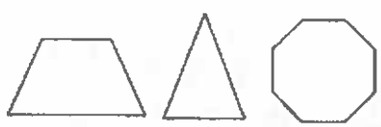
1. Circle the shapes that have parallel lines.



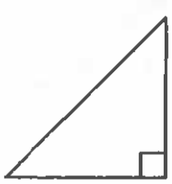
2. Circle the shapes that have perpendicular lines.



3. Circle the shape that has acute and obtuse angles.

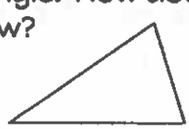


4. Identify the figure below.



_____

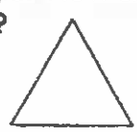
5. Annie says that that this figure is a scalene triangle. How does she know?



_____

_____

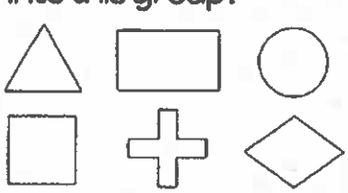
6. Nate says that that this figure is an equilateral triangle. How does he know?



_____

_____

7. Sam sorted the following figures. He put some of them in a group of quadrilaterals. Circle the figures he placed into this group?



8. If Janie sorted figures into a group of 3 sides and 1 right angle? Which of the following shapes would belong in this group.

scalene triangle

right triangle

equilateral triangle

9. Circle the right triangles below.