CLASSICAL PREP 5th GRADE SUMMER WORK

Dear Classical Prep Families,

Welcome to summer! You and your scholar have earned the playful, relaxing memories that, we hope, will fill the next few months.

Why Summer Work?

At Classical Prep, we want to make sure that our scholars maintain the strongest hold on the academic growth they've attained this year, in addition to arriving in August prepared for a successful year. To achieve that goal, we ask that scholars and families partner with us to ensure that each scholar sets aside time, throughout the summer, to practice the skills they've learned. We also want them to stretch and master skills that might not already be mastered but that are necessary for their success.

MATH: Complete the attached pages, showing your work on every problem. Videos & IXL practice codes will be posted on our Rising 5th Grade Google Classroom (Code: **fzt75lss**) to help you master these topics.

READING: Read the assigned novel and complete the assignment attached.

How Much Time Will It Take?

We do not expect scholars to work all day, or even all summer, on these assignments. However, we do want them to practice over time, so cramming all of the assignments in at the end of the summer is NOT what we recommend. Develop a schedule and routine that allows your child to work for 20-30 minutes a day, consistently, throughout the summer.

When Is It Due?

Both the reading and the math summer work will be due on the first day of school. Each section will be counted as a grade. Scholars enrolled after July 31 are excused from this assignment, though we highly recommend reading the novel and practicing math facts!

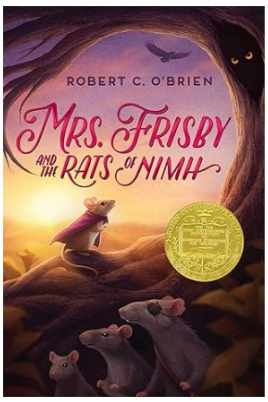
Enjoy your summer! We are so excited to meet you and start an amazing new school year in August! If you have any questions or concerns, please reach out to info@classicalprep.org.

With love,
Your Fifth Grade Team

CLASSICAL PREP 5th GRADE: READING

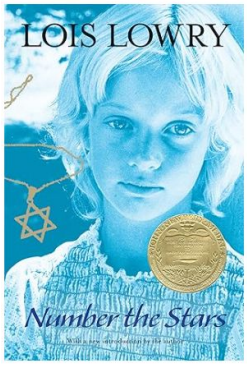
Each rising 5th grader must read one of the required texts below and write summaries for each chapter. This assignment will be due on the first day of school. Scholars will also discuss the summer reading as a class when they return to school, so teachers will expect scholars to demonstrate excellence in the completion of this assignment.

Mrs. Frisby and the Rats of NIMH by Robert C. O'Brien



OR

Number the Stars by Lois Lowry



Can Scholars Read Additional Books?

OF COURSE! We want our scholars reading a wide variety of literature and non-fiction throughout the summer! If you are looking for additional recommendations, we encourage you to consider the following titles:

The Red Badge of Courage by Stephen Crane	*Caddie Woodlawn* by Carol Ryne Brink
Heidi by Johanna Spyri	*Gettysburg* by MacKinlay Kantor

Reading Assignment Guidelines & Directions

Guidelines & Directions:

- Write your summaries using complete sentences and on your own lined, loose-leaf paper.
- Make sure that you put your name and the due date in the upper right corner of your lined loose-leaf paper.
- Title the page *Summer Reading* Assignment.
- Skip lines between each summary.
- Use neat handwriting (cursive preferred) and write in pencil.
- Capitalize the first word in each sentence and in every proper noun (name of people/characters and places).
- Use punctuation at the end of each sentence.

CLASSICAL PREP 5th GRADE: MATH

Add your family to our Rising 5th Grade Google Classroom!

- Log into your student's CPS Google account
- Go to classroom.google.com
- Add yourself to the Summer Google Classroom by using the following class code: **fzt75lss**
- Videos and IXL codes will be in the Classwork section, separated by topic

MATH FACT PRACTICE DIRECTIONS

- Math fact practice should take no more than 10 minutes a day.
- **REMEMBER**: Consistency is key!
- Make or purchase a set of multiplication AND division flashcards.
- Practice the flashcards for five to ten minutes per day.

MATH WORKSHEET PACKET DIRECTIONS

- Work through the provided math packet.
- Aim for a few pages per week, focusing on understanding and mastery rather than speed.
- **IF YOU GET STUCK OR DON'T KNOW WHERE TO START:**
  - Watch the videos posted on our Google Classroom.
  - Practice an IXL code (listed on the Google Classroom).
  - Move on to something else and come back to that page

MATH PACKET PAGES CHECKLIST

REMEMBER: Be neat! Show your work!

- ❏ Digit Values
- ❏ Decimal Mixed Practice
- ❏ Money Word Problems
- ❏ Relating Fractions & Decimals
- ❏ Comparing Fractions Riddle (Apples)
- ❏ Adding Fractions with Like Denominators Riddle (Lion Lawyer)
- ❏ Solving Word Problems Riddle (Ghost)
- ❏ Multiplying Fractions by Whole Numbers
- ❏ Ordering Decimals
- ❏ Rounding Decimals
- ❏ Multiples & Factors
- ❏ Prime & Composite Numbers
- ❏ What a Mix-Up (Factors & Products)
- ❏ Multiplication Equations as Comparisons
- ❏ Multiplication: 3 Digits by 2 Digits
- ❏ Multiplication Story Problems
- ❏ Multi-Digit Multiplication & Division
- ❏ A Cat's Breakfast (Long Division)
- ❏ Mixed Operations Word Problems (2 pages)
- ❏ Mean, Mode, Median, and Range
- ❏ Polygons & Symmetry (2 pages)
- ❏ Tally Charts & Tables (2 pages)
- ❏ Stem-and-Leaf Plot: Ages
- ❏ Line Plots

THINGS YOU SHOULD KNOW

MEASUREMENT CONVERSIONS

METRIC LENGTH	METRIC WEIGHT	METRIC CAPACITY
1 cm = 10 mm 1 m = 100 cm 1 m = 1,000 mm 1 km = 1,000 m	1 g = 1,000 mg 1 kg = 1,000 mg	1 L = 1,000 mL
STANDARD LENGTH	STANDARD WEIGHT	STANDARD CAPACITY
1 ft = 12 in. 1 yd = 3 ft 1 mi. = 5,280 ft. 1 mi. = 1,760 yds.	1 lb = 16 oz. 1 ton = 2,000 lbs.	1 c. = 8 oz. 1 pt. = 2 c. 1 qt. = 2 pts. 1 gal = 4 qts.

TIME CONVERSIONS	FORMULAS
1 min = 60 sec. 1 hr = 60 mins. 1 day = 24 hrs 1 wk = 7 days	RECTANGLE: Area = l x w Perimeter = l + l + w + w OR 2l + 2w RECTANGULAR PRISM: Volume = l x w x h OR B (area of base) x h

Name: _____ Date: _____

Scholar Name

Rising 5th Grade Summer Reading Rubric	

Before submitting your assignment, please print out this rubric and attach it to your work.
 	
Staple the packet together with the rubric on top. The scholar and a parent should sign below after the work is completed to confirm that this work is the scholar's own work. These signatures are a promise of academic integrity.
 	
Your reading packet should include:
• Signed Rubric
• Question Rubric
• Written Responses to Questions
  ○ Handwritten neatly on lined paper, in pencil
  ○ Labeled by Question Number	

TEACHER NOTES & COMMENTS:	_____/ 80 Total Points

Name _____

Rising 5th Grade Math Packet

Digit Values

What is the value of the underlined digit?

632,814 - The value of the digit 6 is 6 hundred-thousands, or 600,000.

632,814 - The value of the digit 3 is 3 ten-thousands, or 30,000.

632,814 - The value of the digit 2 is 2 thousands, or 2,000.

632,814 - The value of the digit 8 is 8 hundreds, or 800.

632,814 - The value of the digit 1 is 1 tens, or 10.

632,814 - The value of the digit 4 is 4 ones, or 4.

Write the value of the underlined digit.

a. 128,752 - _____

b. 956,726 - _____

c. 472,861 - _____

d. 764,509 - _____

e. 896,804 - _____

f. 601,099 - _____

g. 467,530 - _____

h. 50,402 - _____

4	5	6,	8	0	2

i. In the number above, which digit has the greatest value? _____

j. In the number above, which digit has the least value? _____

k. What is the value of the digit in the thousands place of the number above? _____

l. What is the value of the digit in the ten-thousands place of the number above? _____

Name _____

DECIMAL MIXED PRACTICE **Rising 5th Grade Math Packet**

$847.14	$785.92	$638.29	$701.86
- $469.74	+ $252.92	- $353.28	+ $732.68
$873.11	$808.23	$705.85	$634.85
- $830.53	+ $293.14	+ $416.21	+ $745.89
$539.78	$303.89	$755.32	$823.41
- $310.78	+ $481.98	- $505.65	+ $801.33
$633.65	$882.67	$586.15	$431.11
+ $110.19	- $717.14	+ $495.18	- $383.24

Money Word Problems
Addition and Subtraction 3
Math Worksheet 1

Name:_____

After buying some marbles for $98.00, Frances has $9.72 left. How much money did Frances have to begin with?

Answer:

Stephanie gives $7.65 to Brian. If Stephanie started with $47.00, how much money does she have left?

Answer:

Diane has $9.20 and Michelle has $5.00. How much money do they have together?

Answer:

Maria has $97.00 and Joan has $91.77. How much money do they have together?

Answer:

After buying some bananas for $5.44, Evelyn has $5.00 left. How much money did Evelyn have to begin with?

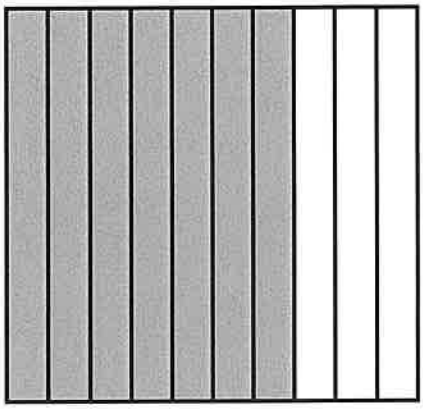
Answer:

Name: _____ Date: _____

4.NF.6

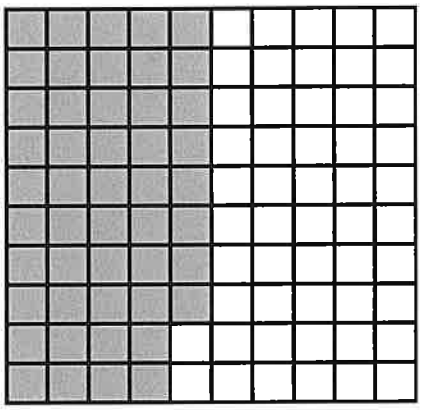
Relating Fractions and Decimals

Directions: Write each of the following as a fraction and as a decimal.



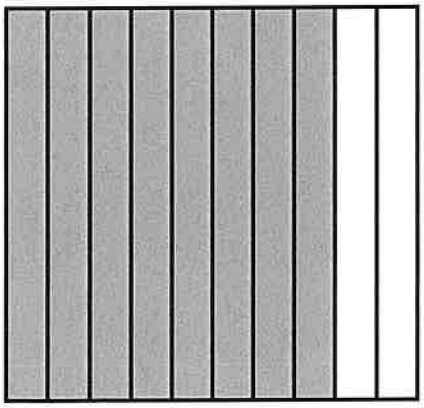
Fraction: _____

Decimal: _____



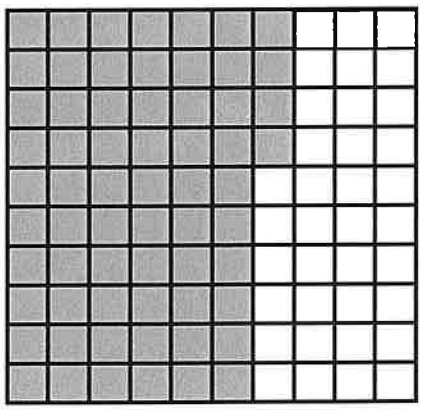
Fraction: _____

Decimal: _____



Fraction: _____

Decimal: _____

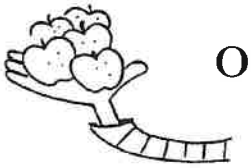


Fraction: _____

Decimal: _____

NAME _____ DATE _____

Riddle 9 If I have 5 apples in one hand and 6 apples in the other, what would I have?



What To Do

Circle the correct answers below. Match each answer to a letter in the Key. Then write the letter in the space above its problem number to find the answer to the riddle.

Which fraction is greatest?

1	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{5}$
2	$\frac{2}{7}$	$\frac{5}{6}$	$\frac{6}{8}$
3	$\frac{4}{14}$	$\frac{8}{9}$	$\frac{12}{13}$
4	$\frac{7}{8}$	$\frac{9}{10}$	$\frac{6}{7}$
5	$\frac{15}{20}$	$\frac{12}{24}$	$\frac{18}{22}$

Which fraction is the least?

6	$\frac{4}{7}$	$\frac{2}{7}$	$\frac{5}{7}$
7	$\frac{3}{4}$	$\frac{2}{3}$	$\frac{1}{2}$
8	$\frac{7}{17}$	$\frac{4}{15}$	$\frac{6}{19}$
9	$\frac{16}{40}$	$\frac{25}{70}$	$\frac{42}{80}$
10	$\frac{24}{40}$	$\frac{12}{16}$	$\frac{18}{27}$

Key

$\frac{12}{13}$ ..... A	$\frac{5}{6}$ ..... B	$\frac{2}{3}$ ..... U
$\frac{3}{4}$ ..... F	$\frac{24}{40}$ ..... N	$\frac{6}{8}$ ..... E
$\frac{9}{10}$ ..... H	$\frac{25}{70}$ ..... G	$\frac{18}{22}$ ..... S
$\frac{1}{3}$ ..... W	$\frac{4}{15}$ ..... D	$\frac{4}{14}$ ..... T
$\frac{1}{2}$ ..... O	$\frac{1}{5}$ ..... K	$\frac{2}{7}$ I

Riddle Answer

T									
	1	7	2	6	9	4	3	10	8	5

NAME _____ DATE _____

Riddle 12

What does a lion lawyer study?

What To Do

Solve the addition problems below. Write your answers in simplest terms. Match each answer to a letter in the Key. Then write the letter in the space above its problem number to find the answer to the riddle.

1. $\frac{1}{2} + \frac{1}{2} =$ _____
2. $\frac{1}{4} + \frac{1}{4} =$ _____
3. $\frac{1}{6} + \frac{3}{6} =$ _____
4. $\frac{1}{5} + \frac{3}{5} =$ _____
5. $\frac{4}{7} + \frac{2}{7} =$ _____
6. $\frac{3}{8} + \frac{2}{8} =$ _____
7. $\frac{5}{9} + \frac{2}{9} =$ _____
8. $\frac{2}{6} + \frac{3}{6} =$ _____
9. $\frac{1}{8} + \frac{5}{8} =$ _____
10. $\frac{3}{9} + \frac{1}{9} =$ _____

Key

$\frac{5}{6}$ . . . . . J	$\frac{6}{7}$ L	$\frac{3}{4}$ . . . . . E
$\frac{7}{8}$ . . . . . A	2 I	$\frac{7}{9}$ . . . . . G
$\frac{4}{9}$ . . . . . H	$\frac{4}{5}$ . . . . . E	$\frac{2}{5}$ . . . . . M
$\frac{1}{2}$ . . . . . T	1 . . . . . U	$\frac{5}{8}$ . . . . . F
$\frac{2}{3}$ . . . . . N	$\frac{3}{8}$ . . . . . B	$\frac{2}{7}$ . . . . . O

Riddle Answer

The law o ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

6 2 10 4 8 1 3 7 5 9

NAME _____ DATE _____

Riddle 40

What did the ghost eat for lunch?

What To Do

Solve the problems below. Write your answers in simplest terms.
Match each answer to a letter in the Key. Then write the letter in the space above its problem number to find the answer to the riddle.

1. There are 10 apples. Six of the apples are green. What fraction of the apples are green? _____
2. There are 20 pens. Thirteen of the pens are black. Seven of the pens are blue. What fraction of the pens are blue? _____
3. There are 12 pieces of fruit in a basket. There are 3 bananas, 5 apples, and 4 oranges. What fraction of the fruits are bananas? _____
4. There are 9 crayons. Four of the crayons are blue. Two of the crayons are yellow. Three of the crayons are red. What fraction of the crayons are not blue? _____
5. There are 11 cups. Six of the cups contain milk. One of the cups contains soda. Four of the cups contain water. What fraction of the cups contain milk and water? _____
6. There are 15 T-shirts. Twelve of the shirts are brown. What fraction of the shirts are brown? _____
7. There are 50 pairs of pants. One-half of the pants are black. One-fifth of the pants are tan. How many pairs of pants are not black or tan? _____
8. There are 36 pairs of shoes. One-third of the pairs of shoes are green. One-half of the pairs of shoes are red. How many pairs of shoes are not red or green? _____
9. There are 40 balls. One-fourth are footballs. One-tenth are soccer balls. One-half are basketballs. How many are basketballs and soccer balls? _____
10. There are 17 pictures. Eight of the pictures are of Jim. Four of the pictures are of Marla. What fraction of the pictures are of Marla? _____

Key

15	L
7	F
$5/9$	Y
$13/20$	E
24	O
8	N
$10/11$	O
$1/4$	E
$4/5$	B
12	K
$7/20$	O
$2/3$	O
$4/17$	N
$3/5$	S
6	A

Riddle Answer

___	___	___	___	-	___	___	___	___	___	___	andwich
8	6	9	2		7	5	10	3	4	1	

Name _____

Rising 5th Grade Math Packet

Multiplying Fractions by Whole Numbers

Name:

Solve each problem. Answer as a mixed fraction.

Ex) $7 \times \frac{5}{8} = 4\frac{3}{8}$

1) $9 \times \frac{4}{8} =$

2) $3 \times \frac{3}{8} =$

3) $8 \times \frac{1}{6} =$

4) $\frac{1}{5} \times 9 =$

5) $6 \times \frac{1}{6} =$

6) $\frac{5}{8} \times 10 =$

7) $5 \times \frac{3}{4} =$

8) $\frac{1}{8} \times 7 =$

9) $\frac{2}{6} \times 10 =$

10) $\frac{1}{8} \times 9 =$

11) $9 \times \frac{2}{4} =$

12) $\frac{5}{8} \times 8 =$

13) $\frac{2}{10} \times 7 =$

14) $6 \times \frac{5}{10} =$

15) $\frac{5}{6} \times 10 =$

16) $\frac{6}{10} \times 4 =$

17) $5 \times \frac{3}{12} =$

Name _____

Rising 5th Grade Math Packet

Ordering Decimals

Rewrite each list of numbers in order, from least to greatest.

a. 3.4 3.14 3.04 4.4 4.03

_____ _____ _____ _____ _____

b. 5.08 5.8 8.05 5 8.5

_____ _____ _____ _____ _____

c. 0.35 3.5 0.53 0.3 0.05

_____ _____ _____ _____ _____

d. 9.7 9.67 9.76 19.6 9.6

_____ _____ _____ _____ _____

❖ In the box below, write five decimals. Have a friend rewrite them in order, from least to greatest.

_____ _____ _____ _____ _____

Rounding Decimals (A)

Round each decimal number to the nearest place indicated.

1. 0.43 _____ whole number

2. 6.02 _____ tenth

3. 6.651 _____ whole number

4. 0.202 _____ hundredth

5. 7.22 _____ whole number

6. 0.660 _____ tenth

7. 8.28 _____ tenth

8. 9.87 _____ whole number

9. 7.0760 _____ hundredth

10. 3.629 _____ tenth

11. 7.865 _____ whole number

12. 5.2182 _____ thousandth

13. 5.6967 _____ thousandth

14. 2.9 _____ whole number

15. 4.0 _____ whole number

16. 7.46 _____ tenth

17. 2.39 _____ tenth

18. 3.896 _____ whole number

19. 7.8143 _____ whole number

20. 9.3959 _____ hundredth

Name: _____ Date: _____ 4.OA.4

Multiples & Factors

Directions: List the first 8 multiples for each of the following.

3 _____

9 _____

10 _____

Directions: Find all the factors for each of the following.

16 _____

48 _____

50 _____

Name: _____ Date: _____ 4.OA.4

Prime & Composite Numbers

Directions: For each of the following, tell whether the number is prime or composite. Then explain how you know.

5 prime composite

Explain: _____

27 prime composite

Explain: _____

32 prime composite

Explain: _____

71 prime composite

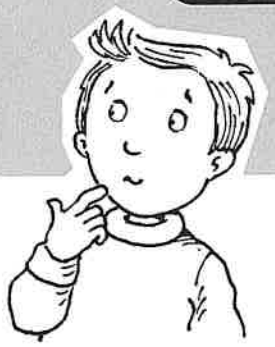
Explain: _____

Name _____ Date _____

MULTIPLICATION

Factors and products

What a Mix-Up



Here are four mixed-up multiplication charts. Find the missing **factors** and **products** to complete these charts correctly.

X	5	8	2	6
3				
9		72		
4				
7				

X		4		
7			42	
		36		
2			12	
	40			24

Hint:

In the charts with missing factors, you'll notice some of the products lined up in rows or columns. Use your knowledge of common factors to help you see how these products are related.

X				5
		24	4	
	18			10
			8	
		18		

X				
		14		
	10			8
			18	
	50			

Name: _____ Date: _____ 4.OA.1

Multiplication Equations as Comparisons

Directions: Write an equation for each situation.

1. 54 is 6 times as many as 9. _____
2. 5 groups of 8 is equal to 40. _____
3. 6 groups of 7 items is the same as 42 items. _____
4. The product of 9 and 4 is 36. _____
5. 5 multiplied by 9 is 45. _____
6. 35 is 5 times as many as 7. _____
7. 6 groups of 4 is equal to 24. _____
8. 4 groups of 8 items is the same as 32 items. _____
9. The product of 10 and 12 is 120. _____
10. 7 multiplied by 7 is equal to 49. _____

Name: _____

Multiplication: 3-Digits by 2-Digits

Multiplication

Find the product.

a. 452 x 36

b. 986 x 24

c. 745 x 19

d. 367 x 58

e. 892 x 47

f. 603 x 95

g. 286 x 73

h. 847 x 62

i. 594 x 86

j. 978 x 69

k. Charlie is training to run a marathon. Every day he puts on his sneakers and runs 12 miles. Charlie never misses a day. How many miles does Charlie run in one full year, or 365 days?

_____

Multiplication Story Problems

1 The kids in Mr. Gill's class are going to paint a mural in the hallway by the office. The wall is 8 feet high and 23 feet long. How many square feet is the wall they're going to paint?

2 The fourth graders are doing a show for their families. They set up 6 rows of chairs. They put 26 chairs in each row. How many chairs did they use altogether?

3 There is a big party at the park. There are 7 tables with balloons for the kids. Each table has 34 balloons. How many balloons in all?

Name:_____ Date:_____

Multi-Digit Multiplication & Division

Multiply using the strategy of your choice. Show your work in the space provided or use additional paper.

1. 24 x 8	2. 537 x 6	3. 1,982 x 4
1. 78 x 19	2. 145 x 12	3. 4,651 x 23

Divide using the strategy of your choice. Show your work in the space provided or use additional paper.

7. 720 ÷ 9	8. 1,806 ÷ 7	9. 2,316 ÷ 12
10. 513 ÷ 8	11. 3,807 ÷ 4	12. 4,175 ÷ 10

Name: _____ Long Division with 4-Digit Dividends

A Cat's Breakfast

Divide to find the quotients. Then solve the riddle by matching the letters to the blank lines at the bottom of the page.

C $4\overline{)3,678}$ **I** $7\overline{)4,983}$ **S** $3\overline{)1,165}$ **M** $3\overline{)2,214}$

E $8\overline{)2,488}$ **S** $5\overline{)2,595}$ **I** $6\overline{)3,675}$ **P** $8\overline{)6,499}$

R $5\overline{)3,182}$ **I** $6\overline{)2,562}$ **C** $8\overline{)2,760}$ **E** $5\overline{)2,674}$

What do cats eat for breakfast?

_____ _____ _____ _____
738 612r3 919r2 534r4

_____ _____ _____ _____ _____ _____ _____ _____
345 636r2 427 388r1 812r3 711r6 311 519

K5 Learning

Mixed operations word problems

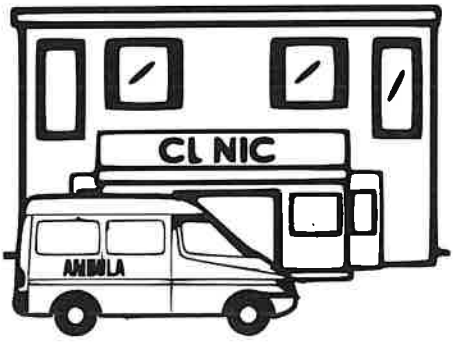
Grade 4 Word Problems Worksheet

There are 4 doctors working in a clinic. Each doctor has 2 nurses assisting them. There are two receptionists, Jay, and Molly, working at the reception.

1. How many people are working in the clinic?

2. On Monday, 23 patients made appointments with each doctor. However, 6 of the patients did not show up. How many patients visited the clinic on Monday?

3. On Tuesday, Jay answered 45 phone calls and Molly answered 12 more calls than Jay did. How many calls were answered in total?



4. On Wednesday, a doctor called in sick. The two nurses and Jay together called 36 patients to reschedule their appointments. They shared the calls evenly. How many calls did they each make?

5. Among the calls they made, 13 of the patients decided to cancel their appointments and the rest decided to postpone their appointments. How many appointments were postponed?

6. Write an equation using "x" and then solve the equation.
For each patient they see, each doctor can get paid $80. If there are x patients on that day, the doctor will be paid $1,760.

Name _____

Rising 5th Grade Math Packet

Mean, Mode, Median, and Range

1) 6, 7, 13, 10, 14

Mean ____ Median ____ Mode _____ Range ____

2) 16, 6, 17, 17, 9

Mean ____ Median ____ Mode _____ Range ____

3) 9, 10, 10, 20, 12, 16, 15, 16, 7, 15

Mean ____ Median ____ Mode _____ Range ____

4) 9, 16, 20, 14, 14, 20, 20, 13, 18, 16

Mean ____ Median ____ Mode _____ Range ____

5) 9, 6, 11, 16, 14, 7, 17, 14

Mean ____ Median ____ Mode _____ Range ____

6) 13, 8, 20, 9, 8, 12, 14

Mean ____ Median ____ Mode _____ Range ____

7) 16, 7, 20, 15, 8, 12

Mean ____ Median ____ Mode _____ Range ____

8) 10, 6, 16, 9, 10, 14, 8, 15, 20

Mean ____ Median ____ Mode _____ Range ____

9) 18, 8, 12, 16, 17, 10, 7, 19, 19

Mean ____ Median ____ Mode _____ Range ____

10) 14, 20, 11, 12, 15, 18

Mean ____ Median ____ Mode _____ Range ____

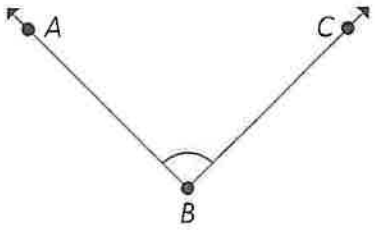
Name: _____ Date: _____

Chapter 8

Reteach
Polygons and Symmetry

Activity 1 Classifying Triangles

Decide if the each of the following angles is an acute angle, an obtuse angle, or a right angle.

1 

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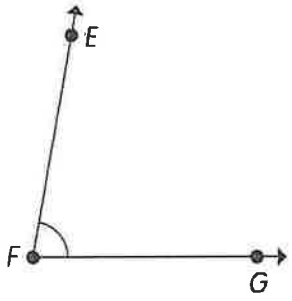
2 

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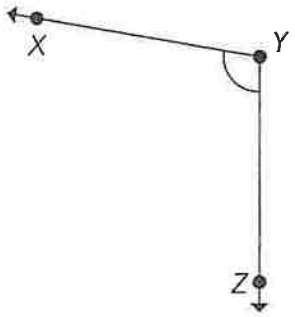
3 

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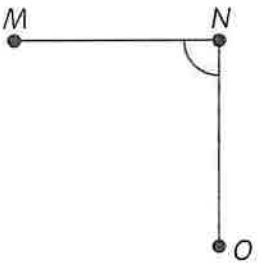
4 

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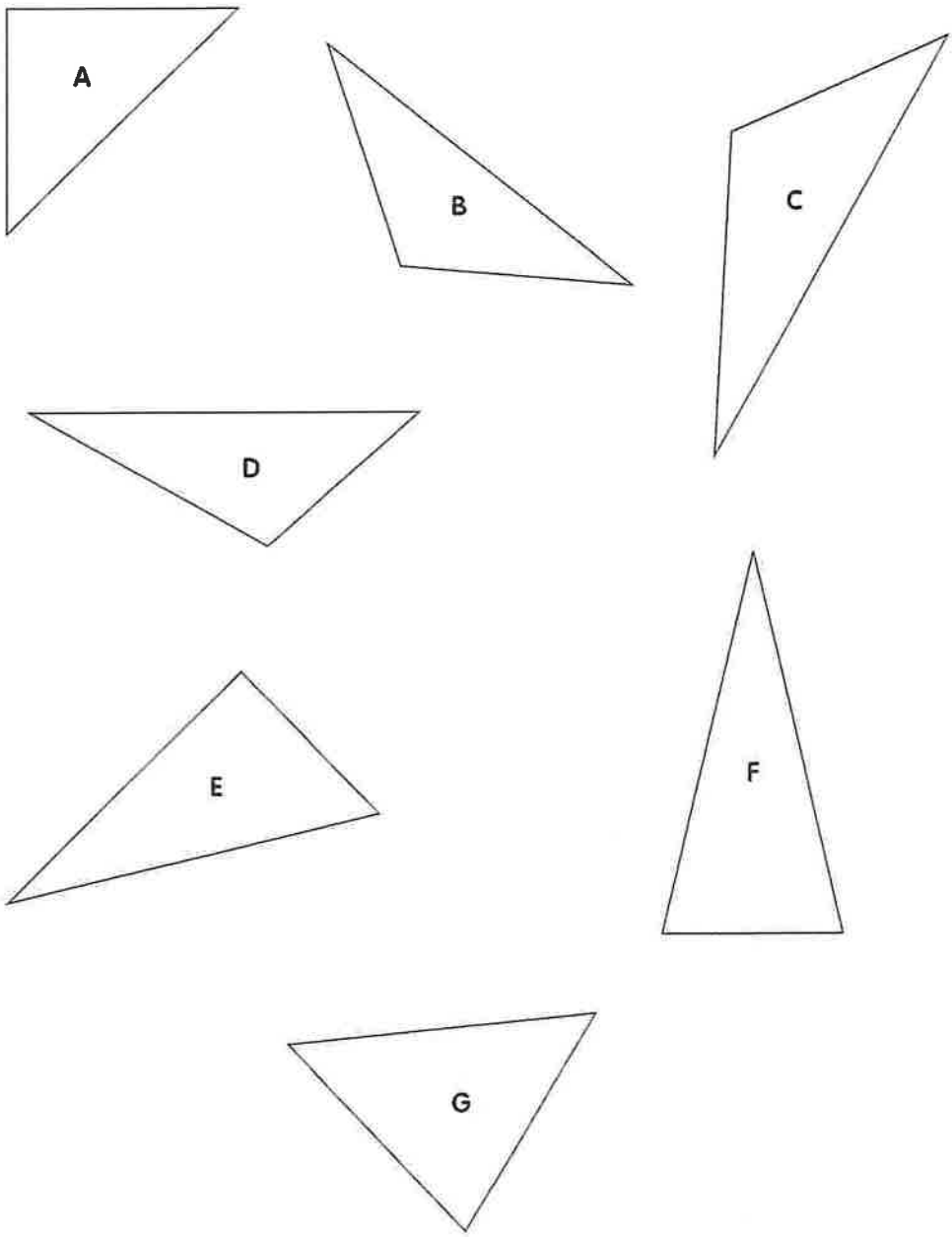
Classify the triangles as acute, obtuse, or right triangles.

8



TALLY CHARTS & TABLES

The tally chart shows the types of food at a birthday party. Each child brought one food item.

Types of Food at the Birthday Party

Food	Tally
Cupcakes	𝍸 ||
Sandwiches	𝍸 𝍸 ||||
Pastries	𝍸 𝍸
Pizza	|||
Chips	||||

Use the data in the tally chart to complete the table.

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Food	Number of Food Brought
Cupcakes	
Sandwiches	
Pastries	
Pizza	
Chips	

Use the data in table to answer each question.

11. _____ cupcakes were brought to the birthday party.

12. _____ pastries were brought to the birthday party.

13. _____ chips were brought to the birthday party.

14. _____ more cupcakes than chips were brought to the birthday party.

15. _____ more sandwiches than pastries were brought to the birthday party.

16. _____ fewer pizza than pastries were brought to the birthday party.

17. Two times as many _____ as _____ were brought to the birthday party.

18. A total of _____ food items were brought to the birthday party.

19. _____ children attended the birthday party.

Stem-and-leaf plot : Ages

Grade 4 Data Worksheet

The ages of the employees in the bank are listed below. Make a stem-and-leaf plot and answer the questions.

22 31 43 33 51 25 37 45 29

38 41 25 44 28 50 32 25

Stem	Leaf

Key: 3 | 2 = _____

1. How many employees are at the bank? _____

2. What is the age of the youngest employee? _____

3. What is the age of the oldest employee? _____

4. How many employees are the same age? _____

5. How many employees are under 30? _____

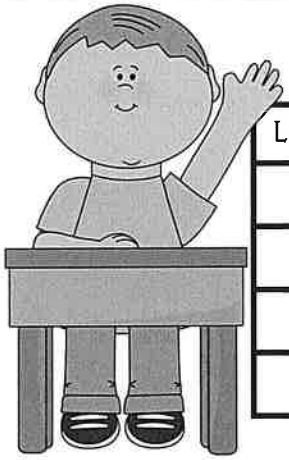
6. How many employees are over 40? _____

Name: _____ Date: _____

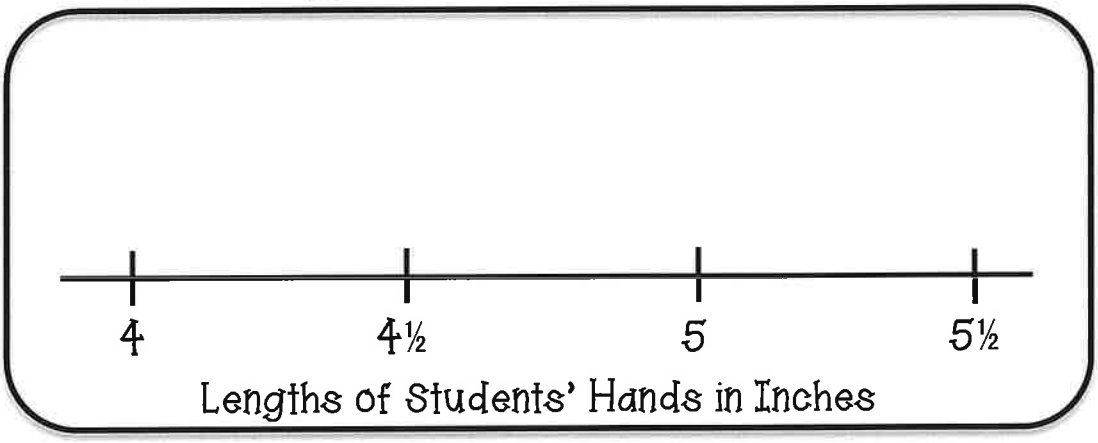
4.MD.4

Line Plots

The students in Mrs. Vogel's class measured the lengths of their hands to the nearest ½ inch. Use the tally chart to complete the line plot. Then answer the questions that follow.



Length of Hands	Number of Students
4	IIII
4½	~~IIII~~
5	~~IIII~~ I
5½	III



Lengths of Students' Hands in Inches

What is the difference in the length of the longest hands and the shortest?

Mikey's hand is 4½ inches long. How much shorter is his hand than the students with the longest hands?