Fourth Grade
Summer Packet
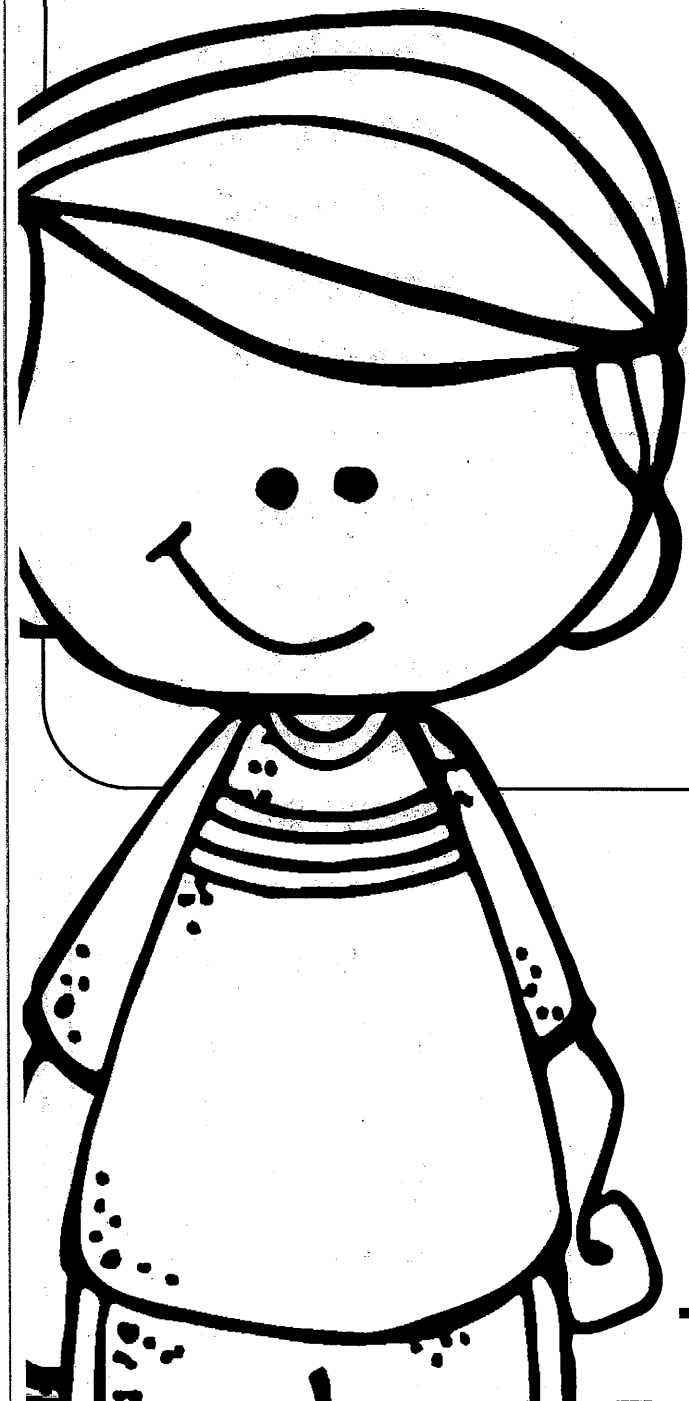
Name:

Welcome to 4th Grade!

We are so happy to have you join our class at Gladeview Christian School.

Inside this Summer Packet, you will find our summer reading project and a very important math review that will get us on the right foot to start the new school year.

You will read <u>Top Secret</u> by John Reynolds Gardiner this summer. You will need to complete the Top Secret and Math worksheets.

This is all due on the 1st Day of School, Monday, August 19, 2019.
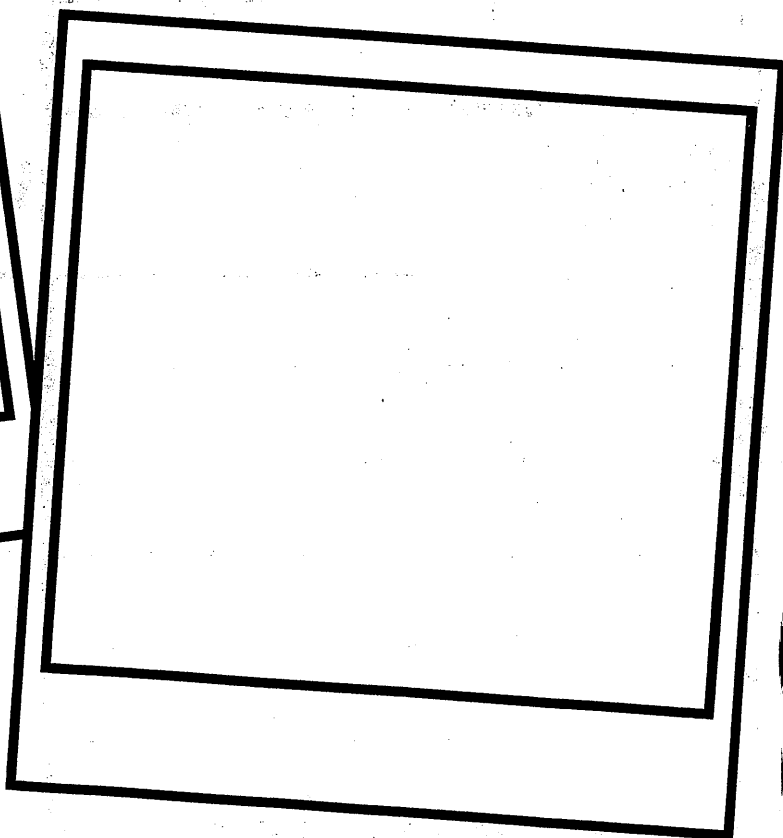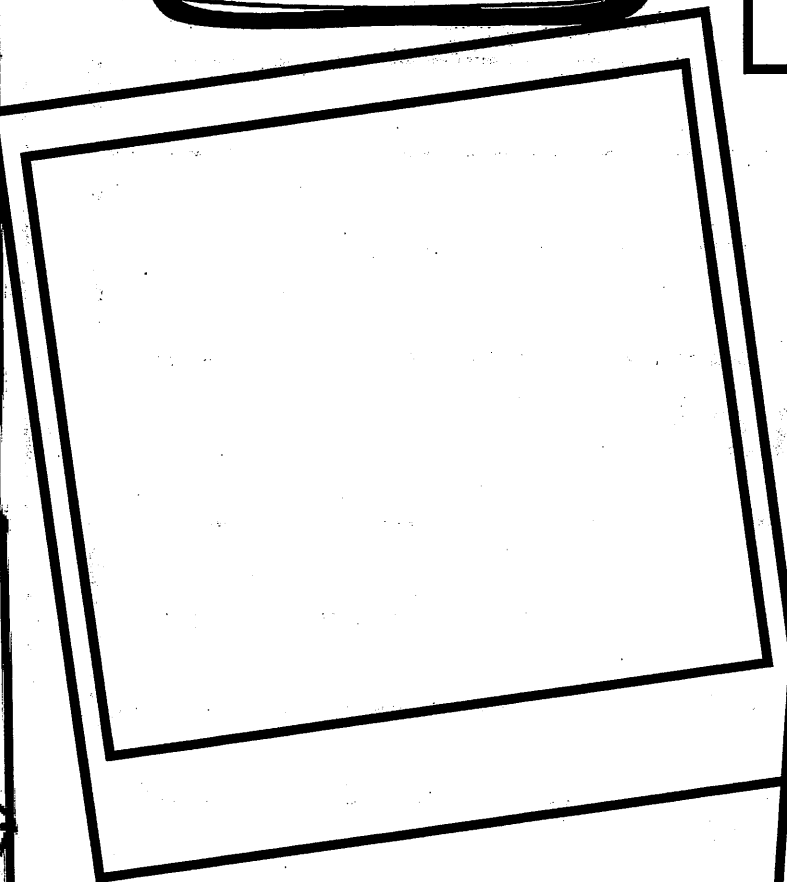
TOP SECRET

A READING RESPONSE
JOURNAL FOR:
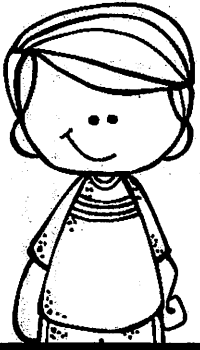
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Draw the most memorable scenes from the book in the picture frames.
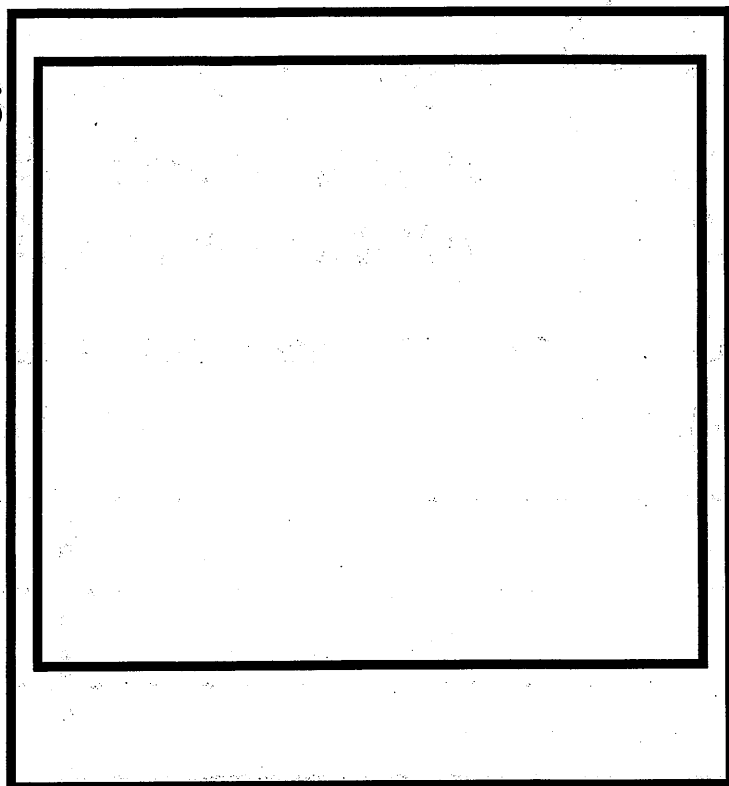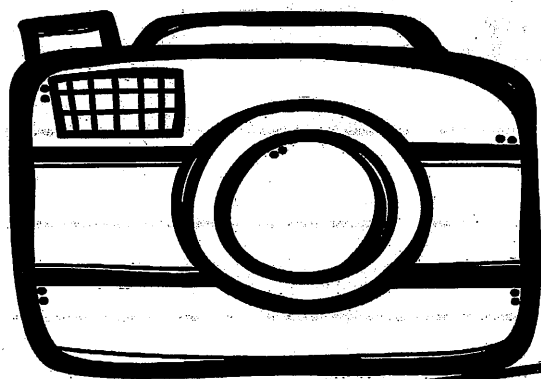
Now that you have finished the story, think about what happened and write a summary.

First,

_____

_____

_____

_____

_____

Next,

_____

_____

_____

_____

_____

Then,

_____

_____

_____

_____

Last,

_____

_____

_____

_____

Chapter 1	Chapter 2	Chapter 3
flunked	visualized	encyclopedia
engineers	crouched	research
grammar school	mite	ingredients
photosynthesis	invention	absorbed
Chapter 4	**Chapter 5**	**Chapter 6**
phonograph	examined	convince
combination	allergic reaction	relieved
concoction	sensation	expression
dissolved	transparent	tumbling
Chapter 7	**Chapter 8**	**Chapter 9**
energy	overcast	stunned
droopy	psychiatrist	advisor
portable	tilted	duplicate
aphids	telegram	neutralize
Chapter 10	**Chapter 11**	**Chapter 12**
assembled	presentation	snatched
panels	auditorium	bloodcurdling
potluck	podium	antidote
hesitated	applause	concentrated

Top Secret Vocabulary

Chapter 1

Flunked: _____

_____

Engineers: _____

_____

Grammar School: _____

_____

Photosynthesis: _____

_____

Chapter 2

Visualized: _____

_____

Crouched: _____

_____

Mite: _____

_____

Invention: _____

_____

Chapter 3

Encyclopedia: _____

_____

Research: _____

_____

Ingredients: _____

_____

Absorbed: _____

_____

Chapter 4

Phonograph: _____

_____

Combination: _____

_____

Concoction: _____

_____

Dissolved: _____

Chapter 5

Examined: _____

Allergic Reaction: _____

Sensation: _____

Transparent: _____

Chapter 6

Convince: _____

Relieved: _____

Expression: _____

Tumbling: _____

Chapter 7

Energy: _____

Droopy: _____

Portable: _____

Aphids: _____

Chapter 8

Overcast: _____

Phychiatrist: _____

Tilted: _____

Telegram: _____

Chapter 9

Stunned: _____

Advisor: _____

Duplicate:

_____

Neutralize:

_____

Chapter 10

Assembled:

_____

Panels: _____

Potluck: _____

Hesitated: _____

Chapter 11

Presentation: _____

Auditorium: _____

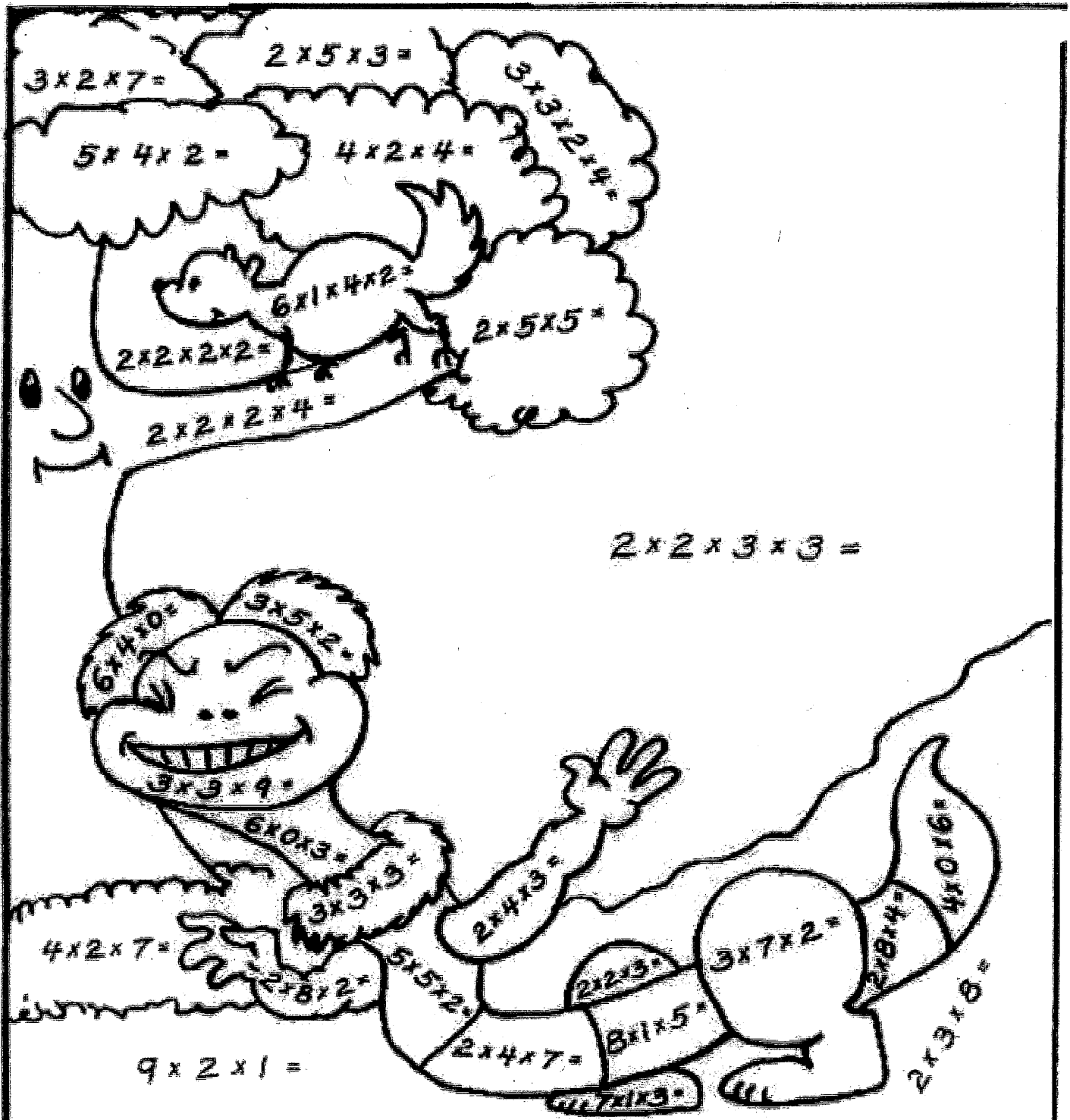Podium: _____

Applause: _____

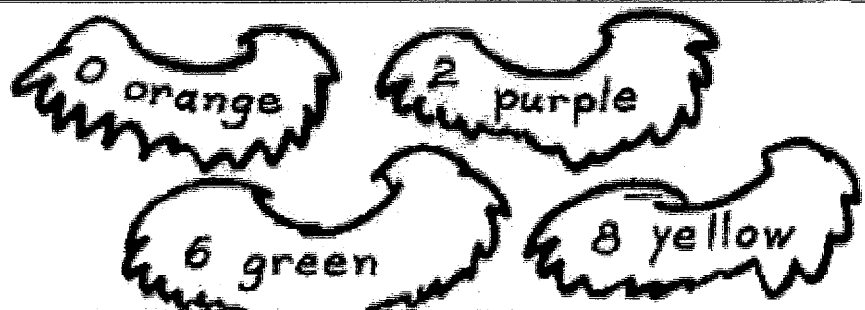**Chapter 12**

Snatched: _____

Bloodcurdling: _____

_____

Antidote: _____

Concentrated: _____

Show your work on the back.

$3 \times 2 \times 7 =$

$2 \times 5 \times 3 =$

$3 \times 3 \times 2 \times 4 =$

$5 \times 4 \times 2 =$

$4 \times 2 \times 4 =$

$6 \times 1 \times 4 \times 2 =$

$2 \times 2 \times 2 \times 2 =$

$2 \times 5 \times 5 =$

$2 \times 2 \times 2 \times 4 =$

$2 \times 2 \times 3 \times 3 =$

$6 \times 4 \times 0 =$

$3 \times 5 \times 2 =$

$3 \times 3 \times 4 =$

$6 \times 0 \times 3 =$

$3 \times 3 \times 3 =$

$2 \times 4 \times 3 =$

$4 \times 0 \times 6 =$

$4 \times 2 \times 7 =$

$2 \times 8 \times 2 =$

$5 \times 5 \times 2 =$

$3 \times 7 \times 2 =$

$2 \times 8 \times 4 =$

$2 \times 2 \times 3 =$

$9 \times 2 \times 1 =$

$2 \times 4 \times 7 =$

$8 \times 1 \times 5 =$

$2 \times 3 \times 8 =$

$7 \times 1 \times 3 =$

Grouping with more than two numbers.
If the product has a: 0, 2, 6, 8.

0 orange

2 purple

6 green

8 yellow

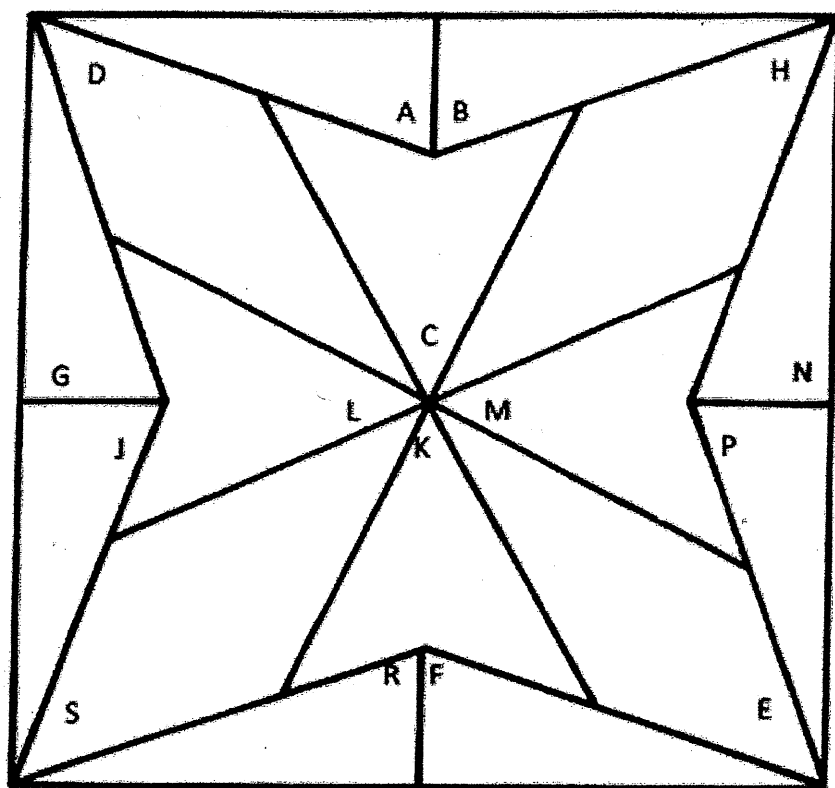|		
3x2x7=	2x2x3x3=	2x4x7=
2x5x3=	6x4x0=	2x2x3=
	3x5x2=	
3x3x2x4=		8x1x5=
	3x3x9=	
5x4x2=		3x7x2=
	6x0x3=	
4x2x4=		7x1x3
	4x2x7=	2x8x4=
6x1x4x2=		
	3x3x3=	4x0x6=
2x2x2x2=		
		2x3x8=
	2x8x2=	
2x5x5=		
		9x2x1=
	5x5x2=	
2x2x2x4=		
	2x4x3=	

MULTIPLY in DESIGNS

2-Digits by 2-Digits

Tables to 9   Name _____

Directions:

Look at each answer.
If the number in the 10's place is:

Color that shape.

0 ◯   **green**

4 ◯   **yellow**

6 ◯   **red**

9 ◯   **blue**

Work problems below.   Write the answer in the part of the design with that letter.

A	83 x 29	B	73 x 39	C	85 x 76	D	47 x 36
E	46 x 26	F	84 x 75	G	58 x 49	H	77 x 22
J	87 x 49	K	89 x 67	L	65 x 97	M	78 x 59
N	36 x 24	P	86 x 68	R	88 x 55	S	26 x 65

$2\overline{)94}$ $\qquad$ $2\overline{)109}$ $\qquad$ $5\overline{)412}$ $\qquad$ $8\overline{)138}$

$4\overline{)313}$ $\qquad$ $4\overline{)372}$ $\qquad$ $7\overline{)518}$ $\qquad$ $3\overline{)104}$

$3\overline{)135}$ $\qquad$ $7\overline{)504}$ $\qquad$ $8\overline{)656}$ $\qquad$ $2\overline{)63}$
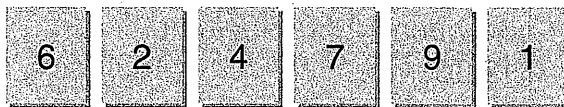
1. Select a number for [ ] that will make a true comparison. Mark all that apply.

$$807,058 > \boxed{}$$

Ⓐ 870,508   Ⓒ 807,508   Ⓔ 805,058

Ⓑ 870,058   Ⓓ 807,085   Ⓕ 800,758

2. Leslie wrote the greatest number that can be made using each of these digits exactly once.

| 6 | 2 | 4 | 7 | 9 | 1 |

Part A

What was Leslie's number? How do you know this is the greatest possible number for these digits?

Part B

What is the least number that can be made using each digit exactly once? Explain why the value of the 4 is greater than the value of the 6.

GO ON ➤

For 3–4, use the table.

Mountain Peaks of Canada			
Name	Height (ft)	Name	Height (ft)
Centennial Peak	12,533	Mount Root	12,799
Mount Columbia	12,293	Mount Tiedemann	12,625
Mount King George	12,274	North Twin	12,247

3. Write the name of each mountain in the box that describes its height, in feet.

Between 12,240 feet and 12,500 feet	Between 12,501 feet and 12,800 feet

4. Circle the name of the tallest peak. Explain how you know which of the mountain peaks is the tallest.

5. The assistant principal bought 230 student planners for the school. If there are 10 planners in a box, how many boxes did he buy?

Ⓐ 2,300

Ⓒ 230

Ⓑ 240

Ⓓ 23

6. Luis and Liz each rounded 635,974 to the nearest ten thousand. Luis wrote 630,000 and Liz wrote 640,000. Who is correct? Explain the error that was made.

GO ON

7. The total season attendance for a professional football team's home games, rounded to the nearest ten thousand, was 710,000. For numbers 7a–7d, select Yes or No to tell whether the number could be the exact attendance.

7a. 706,791   ○ Yes   ○ No

7b. 700,987   ○ Yes   ○ No

7c. 701,752   ○ Yes   ○ No

7d. 714,498   ○ Yes   ○ No

For 8–10, use the table.

The table shows recent population data for Fresno, California.

Population of Fresno, CA			
Age in years	Population	Age in years	Population
Under 5	43,911	20 to 34	119,388
5 to 9	40,087	35 to 49	89,416
10 to 14	39,634	50 to 64	72,261
15 to 19	43,867	65 and over	46,101

8. How many children are under 10 years old? Show your work.

9. How many people are between the ages of 35 and 64? Show your work.

10. How many more children are under the age of 5 than between the ages of 10 and 14? Show your work.

GO ON

11. For numbers 11a–11d, select True or False for each sentence.

    11a. The value of 2 in 724,638 is 20,000. ○ True ○ False

    11b. The value of 8 in 380,194 is 800,000. ○ True ○ False

    11c. The value of 7 in 671,235 is 70,000. ○ True ○ False

    11d. The value of 9 in 874,092 is 900. ○ True ○ False

12. Select another way to show 106,423. Mark all that apply.

    (A) 100,000 + 6,000 + 400 + 20 + 3

    (B) 1 hundred thousand + 6 thousands + 4 hundreds + 2 tens + 3 ones

    (C) one hundred six thousand, twenty-three

    (D) 100,000 + 16,000 + 400 + 20 + 3

    (E) one hundred six thousand, four hundred three

    (F) one hundred six thousand, four hundred twenty-three

13. Tanya, Will, and Juan are playing a game online. Juan scores 101,473 points. Tanya scores 9,879 fewer points than Juan and Will scores 9,853 more points than Tanya. What is Will's score? Show your work.

GO ON

14. There were 12,351 visitors to a history center last year. What is this number rounded to the nearest hundred? Explain how you rounded.

15. Arizona has a land area of 113,998 square miles. Wyoming has a land area of 97,813 square miles. How much greater is the area, in square miles, of Arizona than the area of Wyoming? Show your work and explain how you know the answer is reasonable.

16. Circle the choice that completes the statement.

10,000 less than 35,391 is

| equal to |
| greater than |
| less than |

1,000

less than 25,391.

17. Match the number to the value of its 5.

36,458 ●   ●   5

375,123 ●   ●   50

18,005 ●   ● 50,000

52,789 ●   ● 5,000

18. A total of 543,718 visitors went to a theme park during August and September. If 321,654 visitors went to the theme park in August, how many visitors went to the theme park in September? Show your work.

19. An ice-skating competition lasted three days. Day one had an attendance of 16,390 people. Day two had an attendance of 16,550 people. Day three had an attendance of 16,237 people. Write the days in order from least attendance to greatest attendance. Use pictures, words, or numbers to show how you know.

20. Carson made a four-digit number with a 4 in the thousands place, a 4 in the ones place, a 5 in the tens place, and a 6 in the hundreds place. What was the number?

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