

## Summer Math Review Packet for students entering 6<sup>th</sup> grade

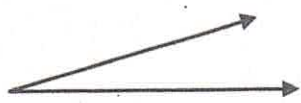
The problems in this packet should help you review math topics from this past school year.

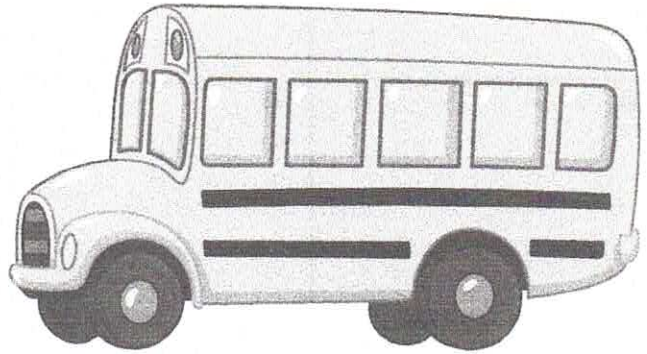
### Basic Instructions:

- All problems should be completed without a calculator.
- Expect to turn in the completed packet to your math teacher on September 9, 2024.
- You may do work on this paper. If you choose to use other paper, please staple it onto this packet. Please show all your work.
- This packet will be counted as a test grade for the first marking period.


Remember: This is for your benefit to help you be more successful as you move into more advanced mathematics classes.

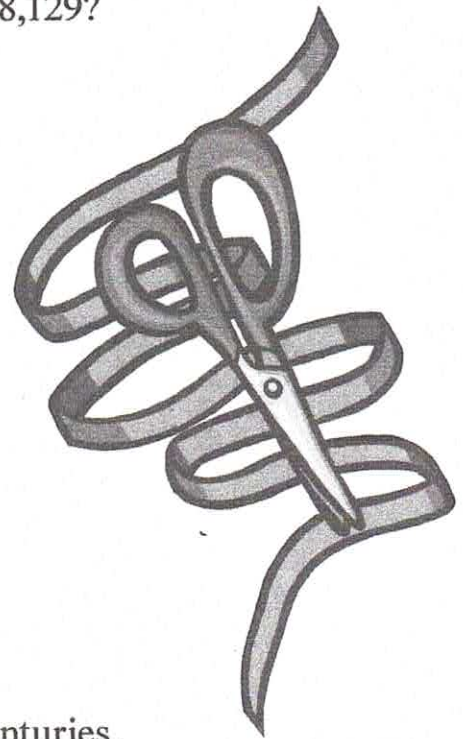
## Lesson #71

1. How many cups are in 4 pints?
2.  $65 \times 51 = ?$
3. Write the standard number for  $50,000 + 9,000 + 800 + 2$ .
4.  $614 - 385 = ?$
5.  $15\frac{1}{6} - 8\frac{5}{6} = ?$
6. Classify the angle by type. 
7. The bottom number in a fraction is the \_\_\_\_\_.
8. Draw a ray.
9.  $378,503 + 251,764 = ?$
10.  $784 \div 24 = ?$
11.  $6\frac{2}{3} + 4\frac{1}{4} = ?$
12.  $67 + \underline{\quad} = \overset{\sim}{91}$
13. How many millimeters are in 4 meters?
14. If the diameter of a circle is 36 inches, what is the radius?
15. Change  $\frac{7}{28}$  to simplest form.
16. Joey's karate class begins at 7:00 p.m. It takes him 8 minutes to walk to the bus stop and 22 minutes for the bus ride. After getting off of the bus, he walks 5 minutes to the class. What time should he leave his house if he wants to get to class on time?
17.  $\frac{5}{6} = \frac{40}{?}$
18. Which number is in the millions place in 357,098,216?
19. What is the shape of a can of corn?
20. Nine weeks are how many days?



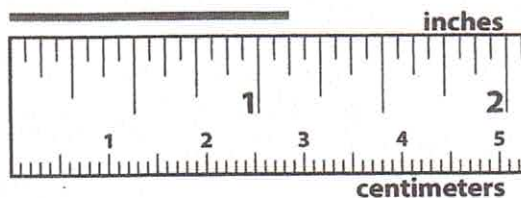
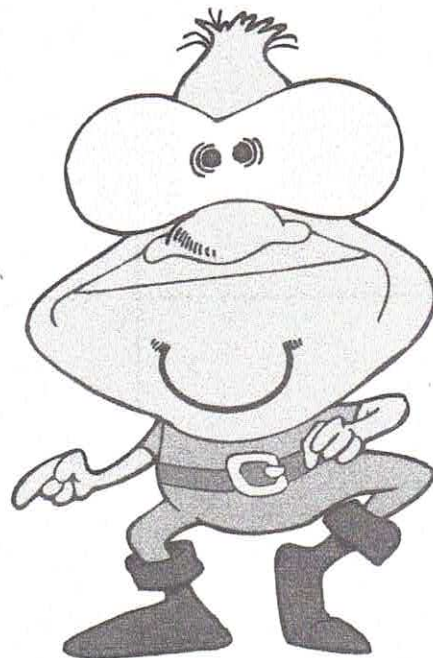
## Lesson #72

1. How many teaspoons are in 7 tablespoons?
2. Write  $\frac{49}{8}$  as a mixed number.
3.  $345 \div 25 = ?$
4. Find the area of the square.  10 ft
5.  $715 - 296 = ?$
6. Two figures having the same shape, but different size are \_\_\_\_\_.
7. On the Fahrenheit temperature scale, water freezes at \_\_\_\_\_.
8. What time was it 5 hours and 5 minutes ago, if it is 3:15 now?
9. Which digit is in the thousands place in 6,348,129?
10. Find the LCM of 9 and 15.
11.  $4\frac{2}{5} + 8\frac{2}{3} = ?$
12.  $16 - 8\frac{4}{9} = ?$
13.  $69 + 55 + 73 = ?$
14. How many degrees are in a straight angle?
15. Find the mode of 54, 60, 29, 54, and 69.
16. Make a factor tree for 64.
17. Five hundred years is \_\_\_\_\_ centuries.
18.  $94 \times 32 = ?$
19. List the factors of 24.
20. For decorating the gym, Jackie has a ribbon that is 14.6 feet long and Rosie has a ribbon that is 10.8 feet long. How much longer is Jackie's ribbon?



## Lesson #73

1.  $347 + 625 = ?$
2. Which factors of 12 are also factors of 24?
3. Find the LCM of 16 and 18.
4. Draw two similar triangles.
5. Write  $\frac{16}{24}$  in simplest form.
6.  $\frac{7}{8} = \frac{21}{?}$
7.  $16.7 + 35.4 = ?$
8.  $12 - 6\frac{4}{7} = ?$
9. What do you call the middle number in a set of numbers?
10. Write  $\frac{34}{5}$  as a mixed number.
11. How many nickels are in \$4?
12. How many inches are in 5 feet?
13. What is the name of this figure?
14. Rename  $9\frac{1}{4}$  as an improper fraction.
15.  $\frac{8}{9} \bigcirc \frac{9}{11}$
16.  $7\frac{1}{3} + 2\frac{1}{4} = ?$
17. Give the length of the segment in inches.
18.  $500 \times 80 = ?$
19. Round 45,708,962 to the nearest ten million.
20. The Barrett family spent \$6.25 each for 2 adult movie tickets and \$4.75 each for 4 children's tickets. They spent \$22.50 on snacks. How much change did they receive from \$100?



## Lesson #74

- $573 \times 6 = ?$
- Find the GCF of 10 and 12.

- $5\frac{2}{5} + 4\frac{2}{3} = ?$

- $7,000 - 3,645 = ?$

- $15\frac{1}{2} - 10\frac{3}{5} = ?$

- $73,485 + 22,386 = ?$

- Draw perpendicular lines.

- $\$50.00 - \$26.75 = ?$

- Rename  $\frac{58}{6}$  as a mixed number.

- Find the range of 155, 88, 69, 100, and 31.

- How many sides does an octagon have?

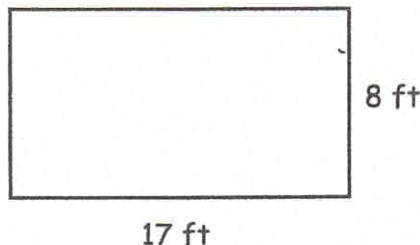
- What do you call the number that occurs most often in a set of numbers?

- Find the average of 36, 113, 29, 18, and 54.

- $6,000 \times 4 = ?$

- $785 \div 5 = ?$

- What is the area of the rectangle?

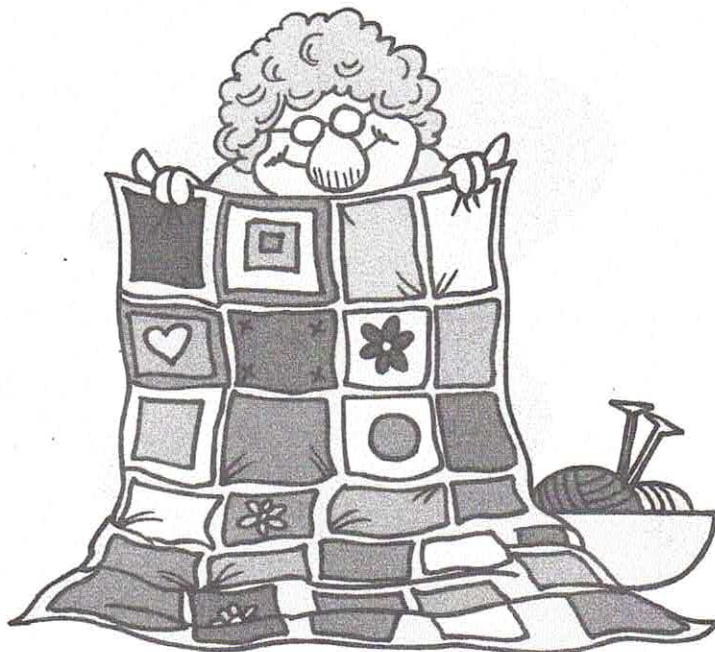


- $45.3 - 26.7 = ?$

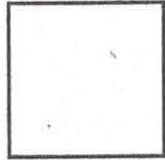
- Which is greater, 6 quarts or 10 pints?

- Grandma made an afghan that was  $48\frac{1}{2}$  inches long. She added  $1\frac{3}{4}$  inches of fringe along the edges. How long is her afghan now?

- $\frac{6}{7} \bigcirc \frac{2}{3}$



## Lesson #75

1. How many milliliters are in a liter?
2.  $969 \div 6 = ?$
3. Round 719,485 to the nearest hundred thousand.
4. Find the LCM of 12 and 15.
5. Find the perimeter of this figure.  16 in.
6. Rename  $5\frac{2}{3}$  as an improper fraction.
7.  $\frac{5}{6} = \frac{?}{42}$
8. The answer to a division problem is the \_\_\_\_\_.
9.  $22 \times 56 = ?$
10. Is 42 a prime or a composite number?
11. In  $\frac{7}{8}$ , which number is the denominator?
12. List the factors of 36.
13. On the Celsius scale, water freezes at \_\_\_\_\_.
14. Kendra is 4 feet 8 inches tall. What is her height in inches?
15.  $23\frac{1}{4} + 16\frac{1}{3} = ?$
16.  $3 \times 4 + 15 = ?$
17. Put  $\frac{12}{24}$  in simplest form.
18.  $9\frac{1}{5} - 3\frac{2}{3} = ?$
19. How many more people came to the museum on Saturday than on Wednesday?
20. What was the average number of visitors per day?

