

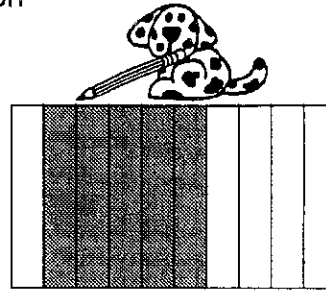
1. Convert these liquid measurements into decimals:

a. 1 pint = _____ tenths of a quart

b. 1 quart = _____ hundredths of a gallon

2. What part of this rectangle is shaded?

a. 5.5 b. .5 c. 5

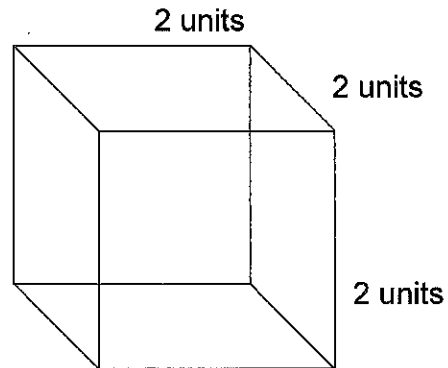


3. Hands on fraction: $\frac{5}{8} - \frac{1}{4} =$ _____

4. a.
$$\begin{array}{r} 38 \\ \times 44 \\ \hline \end{array}$$

b. $56 \overline{) \$124.32}$

5. How many cubic units? _____



6. Problem solving: In a leap year, how many days have passed when $\frac{1}{2}$ of the year is over? _____

7. Mental math: a. $\$20.75 - \$5.75 =$ _____ b. $\$10.45 + \$20.55 =$ _____

8. Hands on fraction: Compare and order from least to greatest.

$$\frac{3}{4} \quad \frac{2}{3} \quad \frac{5}{8}$$

9. Mental math:

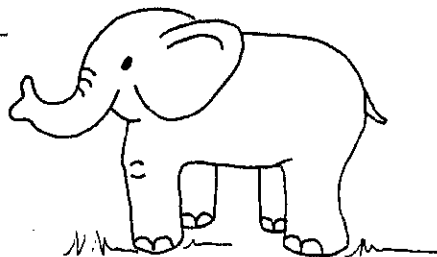
a. $1 \div \frac{1}{2} =$ _____

b. $2\frac{1}{2} + \frac{1}{2} =$ _____

10. Estimate: Would the difference of $2\frac{1}{2} - 1\frac{3}{4}$ be more or less than 1?

11. If the total weight of 4 elephants is 40,000 lbs., what is their average weight? _____

What would 7 elephants weigh? _____



- 12.

$$\begin{array}{r} \square \quad \square \quad \square \\ - 7 \quad 2 \quad 6 \\ \hline 1 \quad 8 \quad 2 \end{array}$$

- 13.



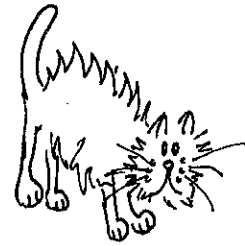
a. Is the sum of $\frac{1}{4} + \frac{3}{5}$ closer to 1 or $1\frac{1}{2}$? _____

b. Is the sum of $\frac{5}{6}$ and $\frac{7}{8}$ between 0 and 1 or between 1 and 2? _____

8. Leo and Will had pizza for dinner. Leo ate $\frac{3}{8}$ of a pizza and Will ate $\frac{3}{4}$ of a pizza. Use your fraction cut-outs to see if they ate more or less than 1 whole pizza.
- _____

9. $56 + n = 98$ $n =$ _____

10. Hands on fraction: $\frac{1}{3} \times 6 =$ _____



11. In Mrs. Smith's fifth grade, 2 out of every 5 students have pets. If there are 30 students in her class, how many students have pets? _____

12. a. Rewrite this decimal after you multiply by 10.

.03 _____

- b. Rewrite this decimal after you divide by 10.

.5 _____

13. Match each decimal on the left with a decimal on the right so each sum is 1.8:

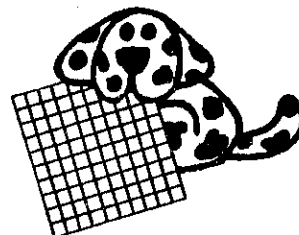
a. .6 .73

b. 1.07 1.2

c. .9 .9

1. Hundred chart: You can add or subtract 10 by moving a marker down or up one row. Start at 76. Move 3 rows up. What number have you subtracted? _____

2. a.
$$\begin{array}{r} 781 \\ \times 75 \\ \hline \end{array}$$
 b. $27 \overline{)6,190}$



3. Mental math: $350 + 225 =$ _____

4. If you put 2 gallons of water in a pot, how many pints of water would you have? _____
How many quarts? _____

5. Arrange these decimals: .780 .781 .708

$$\boxed{} > \boxed{} > \boxed{}$$

6. a.
$$\begin{array}{r} 70 \frac{5}{8} \\ - 43 \frac{3}{8} \\ \hline \end{array}$$
 b.
$$\begin{array}{r} \frac{4}{5} \\ + \frac{1}{10} \\ \hline \end{array}$$

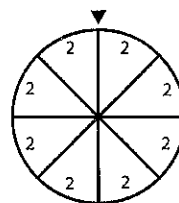
7. Look at the numeral '6' in these two numbers: 6002 and 2006
How many times more is the '6' in 6002 than the '6' in 2006?
Circle: 100 times 1,000 times 10 times

Lesson #34

1. a. Extend this number pattern: 40 32 24 _____

b. What rule did you use? _____

2. Use 0 for impossible and 1 for certain to answer the questions. If you spin this wheel, what is the **probability** that the arrow will point to a:



a. 2 _____ b. 3 _____

3. Circle the correct symbols.

a. .05 (<, > or =) .050 b. .751 (<, > or =) .750

4. Fill in the **equivalent** amounts.

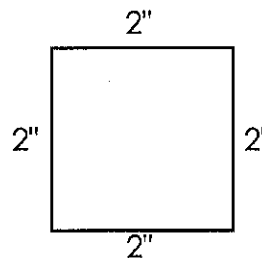
Percent	Decimal	Fraction
50%	.5	$\frac{1}{2}$
		$\frac{1}{4}$
20%		
	.125	
		$\frac{1}{10}$

5. a. $(-6) + (-5) =$ _____ b. $(-6) - 5 =$ _____

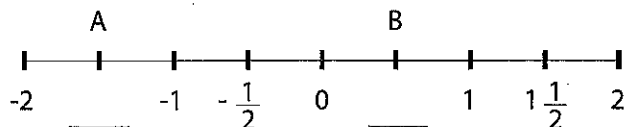
6. The area of this square is 4 **square inches**.

If you double the length of each side, the area will:

a. double b. triple c. quadruple


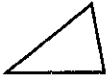



7. Fill in the missing numbers:



Lesson #34 continued

8. Match:

- a.  equilateral
- b.  scalene
- c.  isosceles

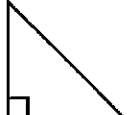

9. Draw a circle around $\frac{2}{5}$ of these stars.

10. If $\square + \square = 10$ and $\square + \triangle = 7$
 What is \square ? _____ What is \triangle ? _____

11. a. $120 \div 10 =$ _____ c. 100% of $1\frac{1}{2} =$ _____
 b. $200 \times 100 =$ _____ d. 100% of $.2 =$ _____

12. a. Water boils at 212° **Fahrenheit** or **Celsius**
 b. Water freezes at 0° **Fahrenheit** or **Celsius**
 c. Normal human body temperature is 98.6 **Fahrenheit** or **Celsius**

13. Are these triangles **congruent** or **similar**?

- a.  b.  _____

5TH GRADE

Challenge yourself with these BRAIN AEROBICS:

1. There are 5 poles in a straight row, each ten feet apart. What is the total distance between the first pole and the fifth pole?
2. There are 30 children in Mrs. O'Boyle's class. One half of the the children are boys. All but 2 of the girls in the class attended the picnic. How many girls attended the picnic?
3. On Monday Sherry deposited (added) \$7.00 to her savings account. On Tuesday she withdrew (took out) \$6.00. She then had a total of \$15.00 in her account. How much money did she have in her account before Monday?
4. An item that you are purchasing costs \$11.10. You want your change to be a \$10 bill. How much money must you give the clerk?
5. You have 40 blue ribbons. You have $\frac{1}{2}$ as many red ribbons as blue ribbons. You have $\frac{1}{2}$ as many yellow ribbons as red ribbons. How many yellow ribbons do you have?
6. If June 7th is a Saturday, on what day is the Fourth of July?
7. Sally has quarters and dimes. The coins total \$1.20. She has twice as many quarters as dimes. How many quarters does she have? How many dimes?
8. A grab bag contains 30 marbles, 25 rings and 28 key chains. You want either a ring or a key chain. If you only get one pick, will you most likely get what you want?
9. To the nearest year, how old would you be if you were one million minutes old?
10. I am a number less than 100 and more than 30. My tens place is twice the size of my ones place numeral. When you add my numerals together they equal an odd number. What number am I?

The answers are on the back!