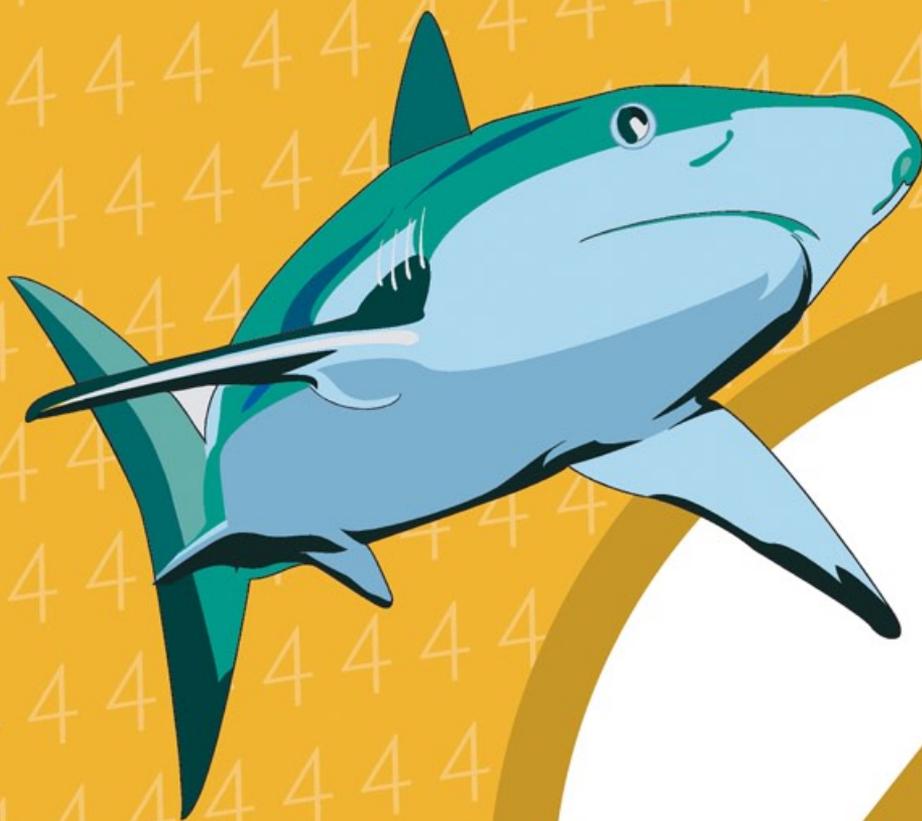


Horizons

Math



4

Addition Terms

Addition can be shown in two ways:

$$\begin{array}{r} 4 \text{ Addend} \\ + 7 \text{ Addend} \\ \hline 11 \text{ Sum} \end{array}$$

Vertical Form

$$4 \text{ (Addend)} + 7 \text{ (Addend)} = 11 \text{ (Sum)}$$

Horizontal Form

1 Find each sum and label.

a. $\begin{array}{r} 41 \\ + 32 \\ \hline \end{array}$

b. $\begin{array}{r} 75 \\ + 23 \\ \hline \end{array}$

c. $16 + 41 = \underline{\hspace{2cm}}$

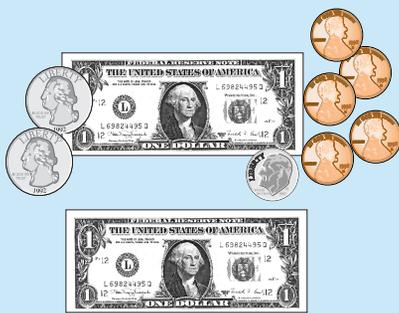
2 Write the value of each set.



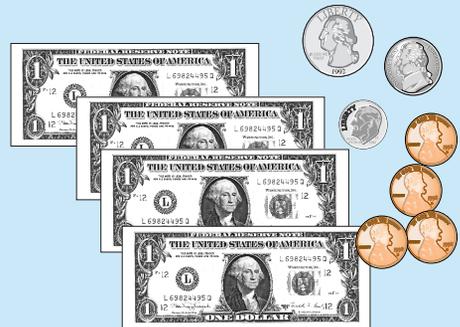
a. _____

b. _____

c. _____



d. _____



e. _____

3 Write the largest number.

3 6 9 0 7

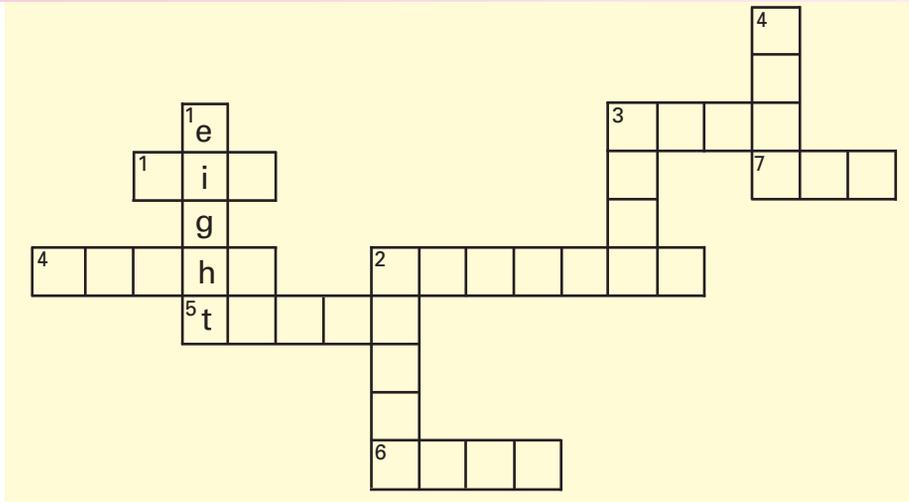
7 1 1 9 2

2 9 3 1 7

9 2 9 7 9

4 8 1 0 3

3 Work the division problems and write your answers using written form.



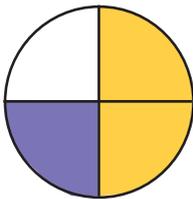
ACROSS

1. $9 \overline{)54}$
2. $2 \overline{)32}$
3. $3 \overline{)12}$
4. $9 \overline{)72}$
5. $5 \overline{)15}$
6. $9 \overline{)81}$
7. $8 \overline{)8}$

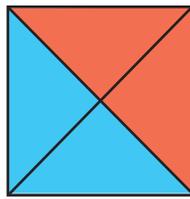
DOWN

- Example: 1. $3 \overline{)24} = 8 = \text{eight}$
2. $8 \overline{)56}$
 3. $2 \overline{)10}$
 4. $4 \overline{)0}$

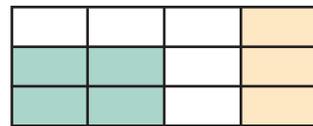
4 Write the fractional parts that are shaded. Find the sum.



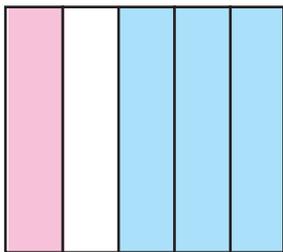
_____ + _____ =



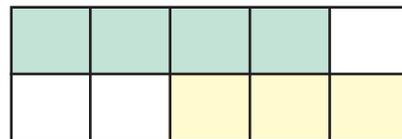
_____ + _____ =



_____ + _____ =



_____ + _____ =



_____ + _____ =

5

Find the Products

x	5	6
4		
5		
6		

x	3	4
4		
5		
6		

x	7	8
4		
5		
6		

6

Write $<$, $>$ or $=$.

$54,499 \underline{\quad} 54,944$

$12,000 \underline{\quad} 12 \text{ thousand}$

$912 \text{ billion} \underline{\quad} 912,000,000$

$34,270 \underline{\quad} 34,720$

$124,000 \underline{\quad} 124,001$

$43 \text{ million} \underline{\quad} 43,000,000$

$6,789 \underline{\quad} 6,800$

$537 \text{ billion} \underline{\quad} 537,000,000$

$14 \text{ thousand} \underline{\quad} 1,014$

7

Dawn is in Mr. Carter's fourth grade class. She read the problems below and found a solution. Look at the question and Dawn's answer. If you think she understood the question, write **yes** beside her answer. If you think she did not understand the question, write **no** beside her answer.

Sam had 18 donuts to bring to the carnival. Paul had two dozen donuts to bring to the carnival. When they combined their donuts, how many did they have?

$18 + 24 = 42 \text{ donuts} \underline{\hspace{2cm}}$



Christi, Julie, and Pauline took a ride on the Magic Skyrocket. The tickets were \$2.50 a piece. If the girls gave the cashier \$10.00, how much was their change?

$\$2.50 + \$2.50 + \$2.50 = \$7.50 \underline{\hspace{2cm}}$

Steve was great at ring toss. He threw a total of 57 rings. 21 of his rings made it around a pop bottle. How many of his tosses did not make it around a pop bottle?

$57 - 21 = 36 \underline{\hspace{2cm}}$



Cotton candy costs \$1.00, popcorn costs \$0.75, soft drinks are \$1.00, hot dogs are \$1.75, and chips are \$0.75. If Pam has \$5.00, can she buy one of everything?

$\$1.00 + \$0.75 + \$1.00 + \$1.75 + \$0.75 = \5.25

$\$5.00 - \$5.25 = \text{you can not subtract } \$5.25 \text{ from } \$5.00.$

She does not have enough. $\underline{\hspace{2cm}}$



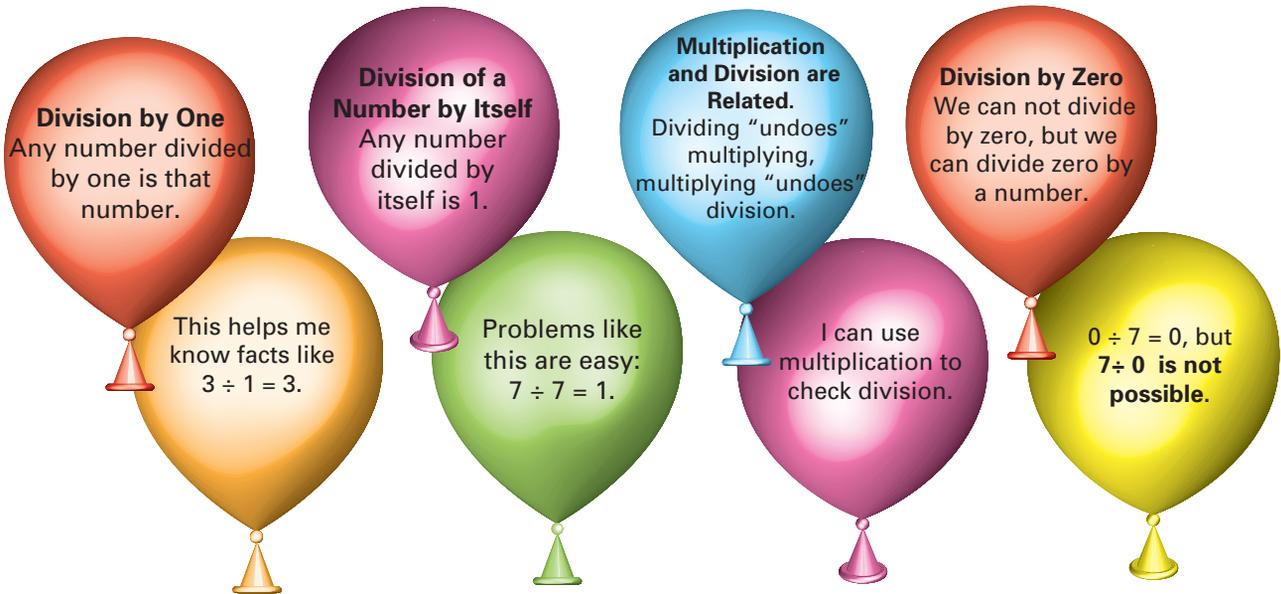
Five of the boys wanted to go down the waterslide. If the cost of the ride was \$2.00 per person, how much would it cost the boys to ride?

$\$5.00 - \$2.00 = \$3.00 \underline{\hspace{2cm}}$



Division Properties

Apply the division properties from the last lesson to understand basic division facts.



- 1 Solve the problems by applying the division properties.

$42 \div 7 = \underline{\quad}, \text{ so } \underline{\quad} \times 7 = 42$

$48 \div 8 = \underline{\quad}, \text{ so } \underline{\quad} \times 8 = 48$

$15 \div 3 = \underline{\quad}, \text{ so } \underline{\quad} \times 3 = 15$

$30 \div 6 = \underline{\quad}, \text{ so } \underline{\quad} \times 6 = 30$

$8 \div 8 = \underline{\quad} \quad 8 \div 1 = \underline{\quad} \quad 12 \div 12 = \underline{\quad} \quad 12 \div 1 = \underline{\quad} \quad 0 \div 4 = \underline{\quad}$

$5 \div 5 = \underline{\quad} \quad 5 \div 1 = \underline{\quad} \quad 10 \div 10 = \underline{\quad} \quad 10 \div 1 = \underline{\quad} \quad 0 \div 9 = \underline{\quad}$

What division problem is impossible? _____

- 2 Find the quotient. Label the first problem using the terms divisor, dividend, and quotient.

$$\underline{\quad} \overline{)618} \quad \underline{\quad} \overline{)981} \quad \underline{\quad} \overline{)99} \quad \underline{\quad} \overline{)721} \quad \underline{\quad} \overline{)12}$$

$$\underline{\quad} \overline{)315} \quad \underline{\quad} \overline{)218} \quad \underline{\quad} \overline{)327} \quad \underline{\quad} \overline{)936} \quad \underline{\quad} \overline{)872}$$

$$\underline{\quad} \overline{)654} \quad \underline{\quad} \overline{)824} \quad \underline{\quad} \overline{)22} \quad \underline{\quad} \overline{)945} \quad \underline{\quad} \overline{)963}$$

Problem Solving

Real life involves having to use money in everyday situations like ordering food at a restaurant. Data is gathered from a menu and then used to calculate the amount of money you are spending.

Lori's Menu

Sandwiches

- Egg Salad \$1.75
- Tuna Salad \$1.95
- Roast Beef \$2.25
- Turkey \$2.00
- Club \$2.50
- Ham \$1.95

Side Dishes

- Chips \$.60
- Fries \$.95
- Coleslaw \$.80
- Soup \$1.00

Lunch special \$3.95

Sandwich, side dish & small drink

Desserts

- Cheesecake \$2.75
- w/topping \$3.00
- Brownie \$.75
- Sundae \$1.00

Beverages

Soda	Coffee	Milk \$.75
Sm. \$.50	Sm. \$.50	
Lg. \$.95	Lg. \$.95	

(Monday-Friday-12:00-2:00 only)

Sally and four friends are having the lunch special. How much money will the 5 meals cost?

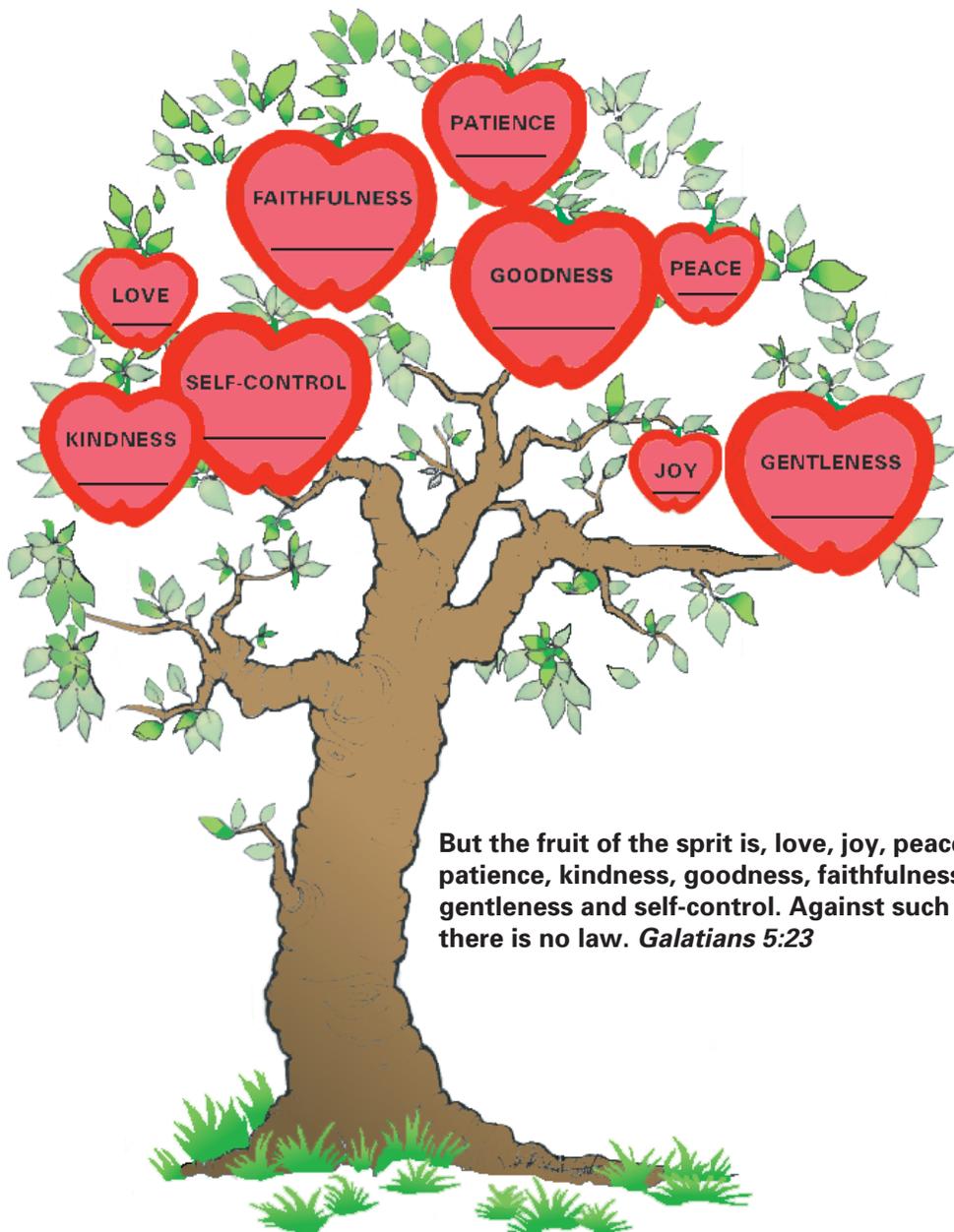
\$3.95	(Price of special)
x <u> </u> 5	(Number of meals ordered)
\$19.75	(Price of meals)

Olivia's Decorating Den offered a combination special. You could purchase a gallon of paint in either white, beige, blue, or green, and 3 rolls of coordinating wallpaper—striped or flowered—for \$35.00. How many different paint and wallpaper combinations can be made?



2

Count the number of letters in each word in the picture below. If the number of letters in the word is a prime number, write **P** for **PRIME** on the answer line provided below the word. If the number of letters in the word is composite, write **C** for **COMPOSITE** on the answer line provided below the word.



But the fruit of the spirit is, love, joy, peace, patience, kindness, goodness, faithfulness, gentleness and self-control. Against such things there is no law. *Galatians 5:23*