

Missionaries in Other Lands

In this LightUnit, we are going to travel to some mission stations around the world. We especially want to visit mission clinics. Perhaps we'll have time to stop at an orphanage or a mission school. Want to go along? Let's begin!

First, we'll travel to El Centro Médico Esperanza (Hope Medical Center) in Guatemala. People travel here from many miles away for medicine for themselves and their children.

Clínica El Buen Pastor (The Good Shepherd Clinic) in Nicaragua buzzes with activity. Nurse Margaret sees many patients every day. Pablo opens cases of medicine and stores the cans of liquid nutrition on the shelves.

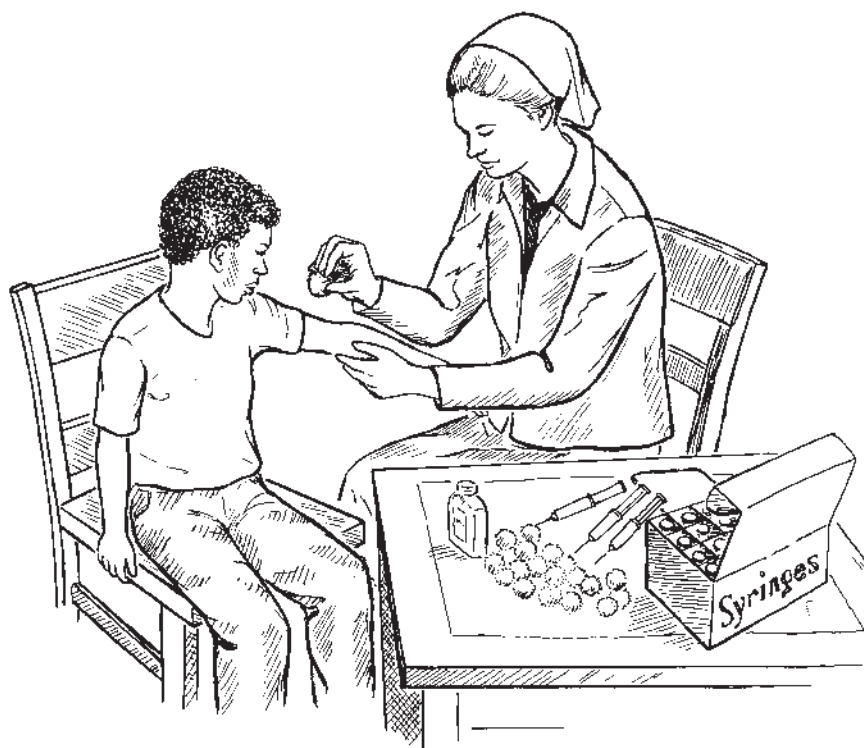
Fly across the Atlantic Ocean to visit Romania. Nathaniel Orphanage cares for many orphan children. Christian Aid Ministries sends food, clothes, and Bibles to homeless families here in Romania.

Now we'll fly back across the Atlantic Ocean to two small island countries close to the Caribbean Sea. Clínica Cristiana las Lomas (Foothills Christian Clinic) in the Dominican Republic is a busy place. They see about 850 patients each month.

A clinic in Haiti supplies liquid nutrition for many hungry people. Visit a school and watch

Brandon and his friends play soccer. Ride to town with Brandon and his father on a tap-tap (a small bus).

Enjoy your visit to all these countries.
Pray for the missionaries who work in these foreign countries.



1


- ☐ Count by 8's to 80.
- ☐ Practice the $\times 1$ and $\times 6$ flash cards for 5 minutes.
- ☐ Do Speed Drill 1 on page 61.
- ☐ Record your score in the graph on page 60.

☆ Record today's temperature at the front of the LightUnit.

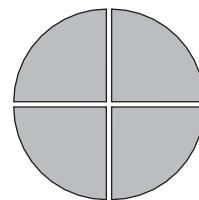
Fractions That Equal 1

Four fourths of this circle are shaded. Four-fourths is the same as one whole.

Write the fraction like this: $\frac{4}{4}$

Whenever the numerator and the denominator are the same number, the fraction equals 1.

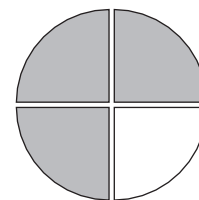
You can change $\frac{4}{4}$ to a whole number. $\frac{4}{4} = 1$



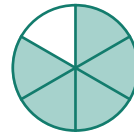
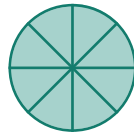
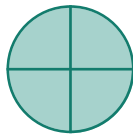
Only $\frac{3}{4}$ are shaded in this picture. The numerator and the denominator are not the same. Three-fourths does not equal 1.

Three-fourths is less than one whole. $\frac{3}{4} < 1$

Three-fourths is not equal to one whole. $\frac{3}{4} \neq 1$



Write the fractions. Write $<$ or $=$.



1. _____ 1

_____ 1

_____ 1

_____ 1

If the fraction equals 1, write = 1. If it is not equal to 1, write $\neq 1$.

2. $\frac{4}{4} = \underline{\quad}$

$\frac{3}{3} \underline{\quad}$

$\frac{7}{8} \underline{\quad}$

$\frac{5}{5} \underline{\quad}$

3. $\frac{3}{5} \underline{\quad}$

$\frac{6}{6} \underline{\quad}$

$\frac{2}{2} \underline{\quad}$

$\frac{4}{9} \underline{\quad}$



We Remember

Write the sums or differences.

4.
$$\begin{array}{r} 7,201 \\ -3,629 \\ \hline \end{array}$$

$$\begin{array}{r} 6,815 \\ -4,769 \\ \hline \end{array}$$

$$\begin{array}{r} \$12.53 \\ -9.69 \\ \hline \end{array}$$

$$\begin{array}{r} 444 \\ 946 \\ + 88 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ 36 \\ 48 \\ +68 \\ \hline \end{array}$$



5. Nicaragua uses gold cordobas instead of dollars. Pedro's father makes 45 cordobas each day. He works 5 days a week. How much money would he make in a week?

Solution

Fill in the blanks.

6. There are _____ days in a year.

7. 4.6 has _____ ones and _____ tenths.

Write the multiples of 5.

8. _____

Lesson 1

Write the products.

9. $6 \times 300 =$ _____

$9 \times 30 =$ _____

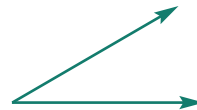
$80 \times 4 =$ _____

10. $400 \times 3 =$ _____

$5 \times 70 =$ _____

$40 \times 5 =$ _____

Circle the largest angle. Underline the smallest angle.



Expand the numbers and then solve the problem.

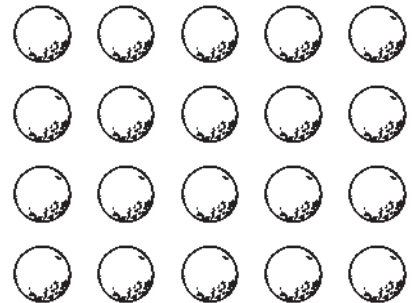
12.
$$\begin{array}{r} 2,653 \\ + 2,346 \\ \hline \end{array}$$

_____ = _____

Circle equal groups. Write a division sentence.

13. David picked 20 oranges from the tree. If his family eats 5 oranges a day, how many days will the oranges last?

_____ days



Finish the function chart.

14.	meters	9	6	3	1	4	7
	centimeters						

Change the millimeters to centimeters. Then write the centimeters in fractions or mixed numbers.

15. 21 mm = _____ cm _____

16. 6 mm = _____ cm _____

17. 9 mm = _____ cm _____

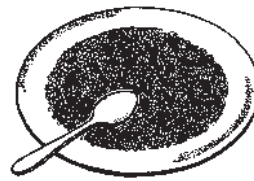
18. 16 mm = _____ cm _____

Most Central Americans eat gallo pinto (gă' yō pēn' to). It is a dish made from white rice, red beans, garlic, onions, and vegetable oil. A few drops of hot pepper sauce can be added if you like it spicy!

Answer the question.

19. "Mama, I'm hungry!" said José. "When will the food be ready?"

Mama started making gallo pinto at 5:50. It took 20 minutes to make it. What time was it ready to eat?



Answer both sides, then write $<$, $>$, or $=$.

20. 6×2 ? $6 + 2$ $22 - 2$? $20 + 4$ $45 + 3$? 6×8

_____ _____ _____ _____ _____ _____

Fact Focus

21. $\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times 1 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times 10 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$

22. $\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$ $\begin{array}{r} 10 \\ \times 0 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ \times 0 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ \times 10 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ \times 10 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$

2



- ☐ Count by 7's to 70.
- ☐ Practice the G and $\times 9$ flash cards for 5 minutes.
- ☐ Do Speed Drill 2 on page 61.
- ☐ Record your score in the graph on page 60.

☆ Record today's temperature at the front of the LightUnit.

Borrow Across Two Zeros

Look at this problem. The ones column must borrow to subtract. But you cannot borrow from 0 in either the tens or hundreds place.

Borrow from the thousands place. Take 1 from 400. Write **399**. Now you can subtract.

$$\begin{array}{r} 4,003 \\ -1,646 \\ \hline \end{array}$$

$$\begin{array}{r} 3991 \\ \cancel{4,003} \\ -1,646 \\ \hline 2,357 \end{array}$$

Solve. You must borrow across two zeros.

$$\begin{array}{r} 1. \quad 6,004 \\ -3,197 \\ \hline \end{array}$$

$$\begin{array}{r} 5,005 \\ -2,348 \\ \hline \end{array}$$

$$\begin{array}{r} 2,007 \\ -428 \\ \hline \end{array}$$

$$\begin{array}{r} 7,002 \\ -4,084 \\ \hline \end{array}$$



We Remember



2. Want to go mountain climbing? The highest mountain in Guatemala is 4,220 meters above sea level. The highest peak in Haiti is 2,677 meters above sea level. How much higher is the tallest mountain in Guatemala than the tallest peak in Haiti?

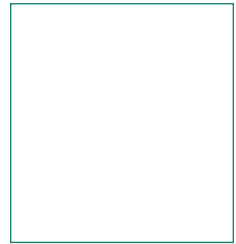
Solution

Lesson 2

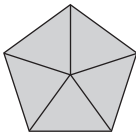
Solution



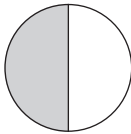
3. "Nurse, can you please help my sick baby?" begged a mother at El Centro Médico Esperanza. The tired mother had carried her baby 32 kilometers to the clinic. On the way home, she got a ride, but she still had to walk 18 kilometers. How far did the mother carry her child to and from the clinic?



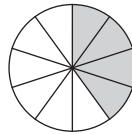
Write the fractions. Write = or $\neq$.



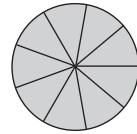
4. $\frac{\quad}{\quad} \square 1$



$\frac{\quad}{\quad} \square 1$



$\frac{\quad}{\quad} \square 1$



$\frac{\quad}{\quad} \square 1$

Solve.

5.
$$\begin{array}{r} 78 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 473 \\ + 256 \\ \hline \end{array}$$

$$\begin{array}{r} 14,375 \\ - 8,136 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ 6 \\ 9 \\ + 7 \\ \hline \end{array}$$

Write the products.

6. $8 \times 30 = \underline{\hspace{2cm}}$

$100 \times 9 = \underline{\hspace{2cm}}$

$9 \times 600 = \underline{\hspace{2cm}}$

7. $80 \times 6 = \underline{\hspace{2cm}}$

$9 \times 50 = \underline{\hspace{2cm}}$

$70 \times 5 = \underline{\hspace{2cm}}$

Fill in the blanks.

8. $\underline{\hspace{2cm}}$ days = 1 year 5.2 has $\underline{\hspace{2cm}}$ tenths and $\underline{\hspace{2cm}}$ ones.

Write the multiples of 2.

9. $\underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}} \quad \underline{\hspace{2cm}}$

Lesson 2

Write a decimal and a mixed number for each.

10. two and five-tenths

Decimal

Mixed Number

11. one and seven-tenths

Fill in the blanks.

12. 5 gallons = _____ quarts

8 gallons = _____ quarts

13. 8 yards = _____ feet

2 yards = _____ feet

Choose a sensible unit of capacity for measuring the following items.

14. amount of rice for one person

1 quart

1 cup

15. amount of rice for one person

250 mL

250 L

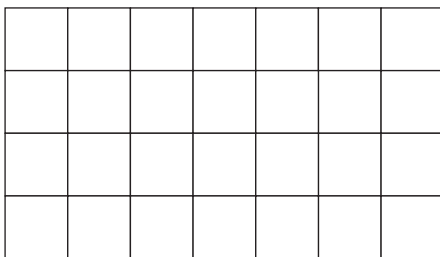
Answer the question.

16. Nurse Mary went to the clinic at 7:30. At 8:15 she would begin to see patients. How much time did she have to prepare for her patients? _____ minutes



Find the area.

17.

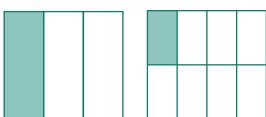


_____ squares

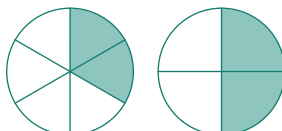
Passenger buses in Guatemala are often very crowded. The middle aisle may be full of people standing up. Three buses may drive beside each other in two lanes of the road. The middle bus drives down the center line.

Compare the fractions. Write $<$ or $>$. Use the pictures to help you.

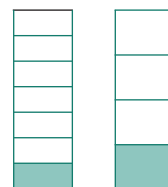
18. $\frac{1}{3}$ $\frac{1}{8}$



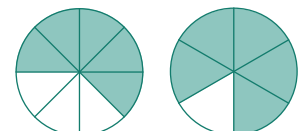
$\frac{2}{6}$ $\frac{2}{4}$



$\frac{1}{7}$ $\frac{1}{4}$



$\frac{5}{8}$ $\frac{5}{6}$



Count by fourths.

19. $\frac{1}{4}$ $1\frac{1}{4}$

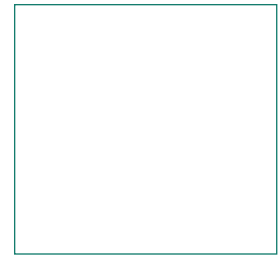
Discover the pattern. Write three more numbers.

20. \$3.60 \$3.70 \$3.80 \$3.90

21. Which coin is added each time? ☐ penny ☐ dime ☐ quarter

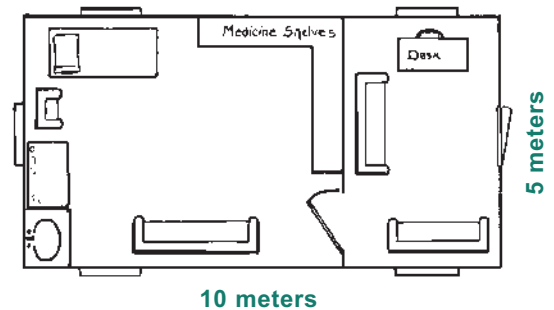
Find the change.

22. Nurse Mary bought some tomatoes at the market.
She used \$5.00 in American money to buy tomatoes
that cost \$3.82.



Find the perimeter of Nurse Mary's clinic.

23. meters



Fact Focus

24. $\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times 10 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ \times 0 \\ \hline \end{array}$

25. $\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ \times 10 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$ $\begin{array}{r} 1 \\ \times 8 \\ \hline \end{array}$ $\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$ $\begin{array}{r} 0 \\ \times 7 \\ \hline \end{array}$ $\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$