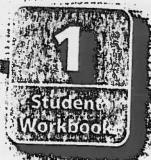
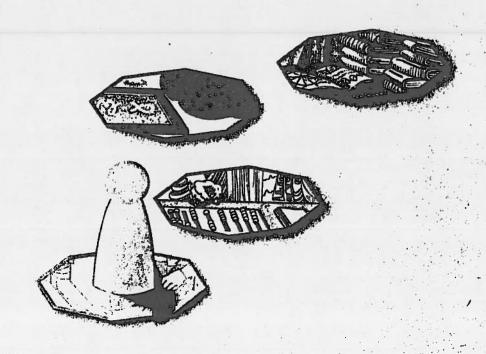
Key to

Fractions®

FRACTION CONCEPTS





By Steven Rasmussen

Name

Class

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It was thousands of years ago that people first recognized the need for a new kind of number which would name a part of a unit. The need probably crose as people attempted to measure their fields or weigh precious matais or to count baskets of grain. The kind of number needed was a fraction.

The earliest records of the use of fractions come from Babylonia and Egypt. A six meter long scroll, made from the bank of a papyrus tree and enscribed by an Egyptian named Ahmes, is the source for most of our knowledge of early Egyptian mathematics. The 4000 year old Ahmes Papyrus begins with a table of fractions. The Egyptians wrote fractions by placing an oval above the symbols for their numbers.

All Egyptian fractions (except $\frac{2}{3}$) had one as a numerator. The fraction we write as $\frac{3}{4}$, the Egyptians wrote as the sum of the unit fractions $\frac{1}{4}$ and $\frac{1}{4}$. The Egyptians thought that unit fractions would be simpler than other fractions to work with instead, computing with Egyptian fractions was actually very difficult.

in ancient Egypt only a small, privileged group of people were allowed to know the secrets of mathematics. These privileged few, called scribes, kept track of the accounts of the rulers, priests and wealthy private citizens.



On the cover of this book an Egyptian scribe records the amount of grain paid by farmers to their ruler as taxes. If a basket is only parity full, the scribe must use a fraction to describe it. How many fractions can you find on the scribe's papyrus scroll?

Fractions appear on the cover in two other places. The water jug holds $2\frac{1}{\lambda}$ hins. (A hin was the Egyptian unit of liquid measure.) The parts of the Sacred Eye represent hieroglyphic symbols for fractions used in measuring bushels of grain of a Cofor 1: of or 1: of tore it to bits. The wise god Thoth glued it back together again as if he were restoring a cracked grain of barley. The parts of the eye add up to $\frac{63}{64}$, lacking only the little bit of magic glue needed to make the whole eye come back to life.

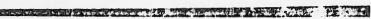
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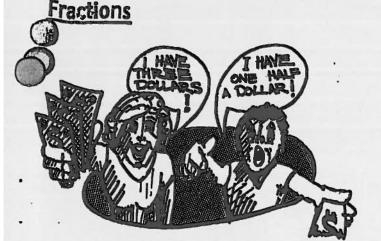
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13 12 11 10 09

Printed in the United States of America 27 26 25 24 23

ISBN 978-0-913684-91-7





O, 1, 2, 3, 4, 5... are whole numbers. Whole numbers count units (whole things).

 $\frac{1}{2}$, $\frac{3}{5}$, $\frac{5}{8}$, $\frac{10}{4}$, $\frac{6}{2}$, $\frac{4}{7}$... are fractions. Fractions name parts of units.

Which shows quarters?

Circle all the fractions.

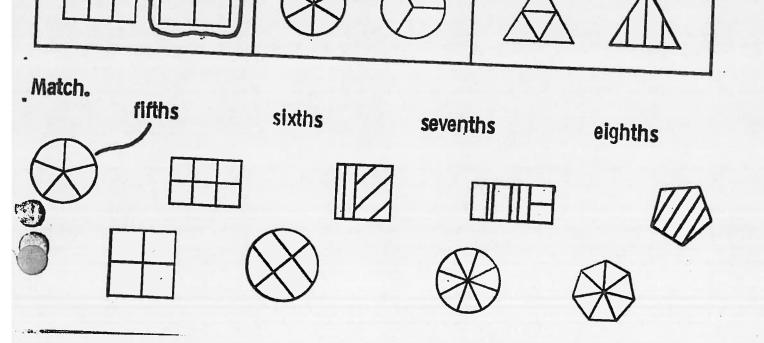
Which shows halves?

hen a unit is divided into two equal parts, the parts are <u>halves</u>.

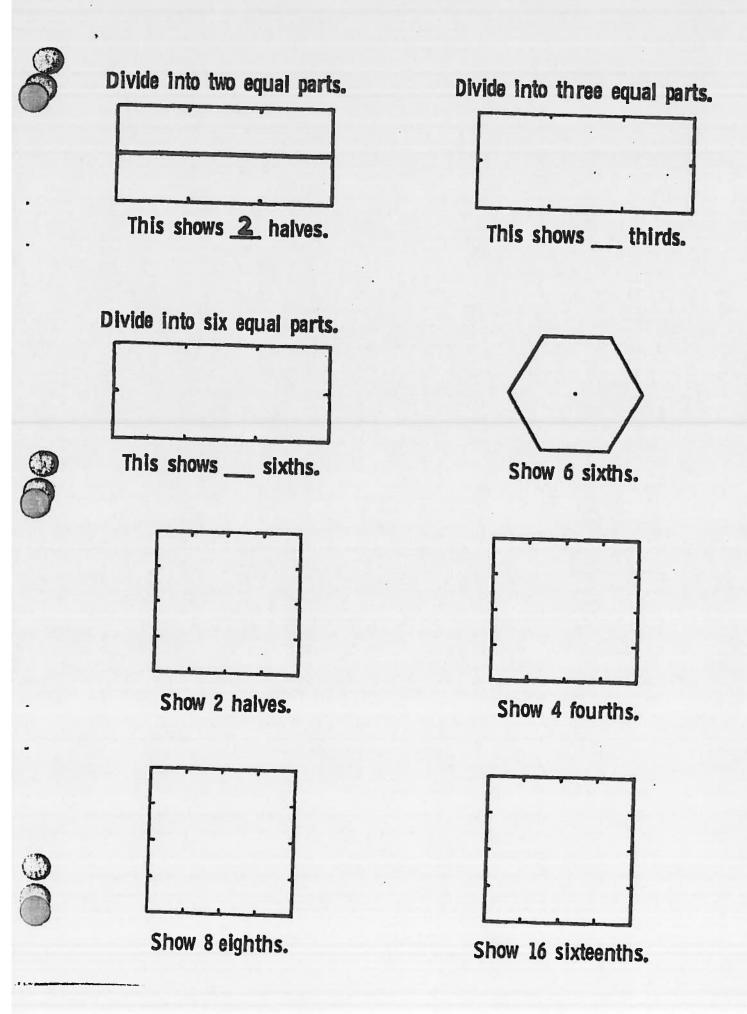
hen a unit is divided into three equal parts, the parts are <u>thirds</u>.

Four equal parts are <u>fourths</u> or <u>quarters</u>. Five equal parts are <u>fifths</u>.

Which shows thirds?



shows eight equal parts or eighths.	
shows three equal parts or	
shows five equal parts or	
shows two equal parts or	
shows four equal parts or	
Fractions can be shown by dividing a unit into equal parts. Equal parts must all be the same size.	(
is divided into three parts. It does not show thirds.	
is divided into four parts. It does not show fourths.	
is divided into five parts. It does not show fifths.	
is divided into six parts. It does not show sixths.	(Fa
is divided into seven parts. It does not show sevenths.	



These fractions are fourths: $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$, $\frac{14}{4}$, $\frac{5}{4}$, $\frac{6}{4}$, $\frac{7}{4}$...

These fractions are fifths: $\frac{1}{5}$, $\frac{2}{5}$, $\frac{3}{5}$, $\frac{4}{5}$, $\frac{5}{5}$, $\frac{6}{5}$, $\frac{7}{5}$...

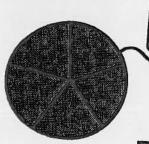
These fractions are tenths: $\frac{1}{10}$, $\frac{2}{10}$, $\frac{3}{10}$, $\frac{4}{10}$, $\frac{5}{10}$, $\frac{6}{10}$, $\frac{7}{10}$, ...

Which fractions are sixths? $\frac{1}{2}$, $\frac{2}{3}$, $\frac{3}{4}$, $\frac{1}{3}$, $\frac{1}{5}$, $\frac{7}{10}$, $\frac{3}{5}$...

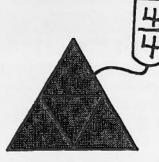
Which fractions are ninths? $\frac{1}{4}$, $\frac{3}{4}$, $\frac{1}{4}$, $\frac{3}{4}$, $\frac{10}{6}$, $\frac{1}{5}$...



is divided into thirds. It shows 3 thirds



is divided into _____. It shows ____



is divided into _____. It shows ____

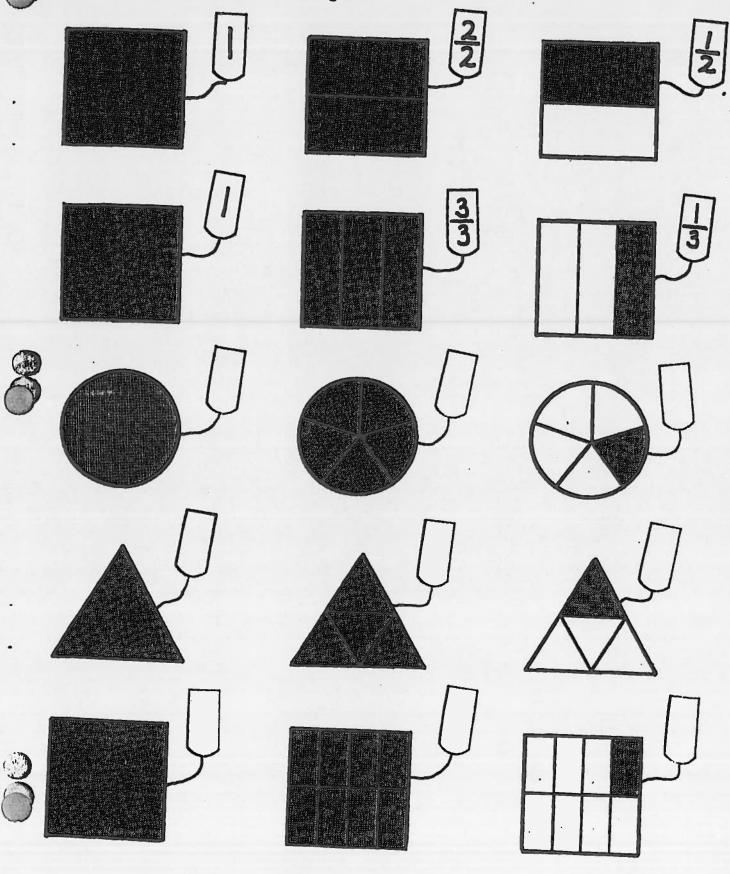


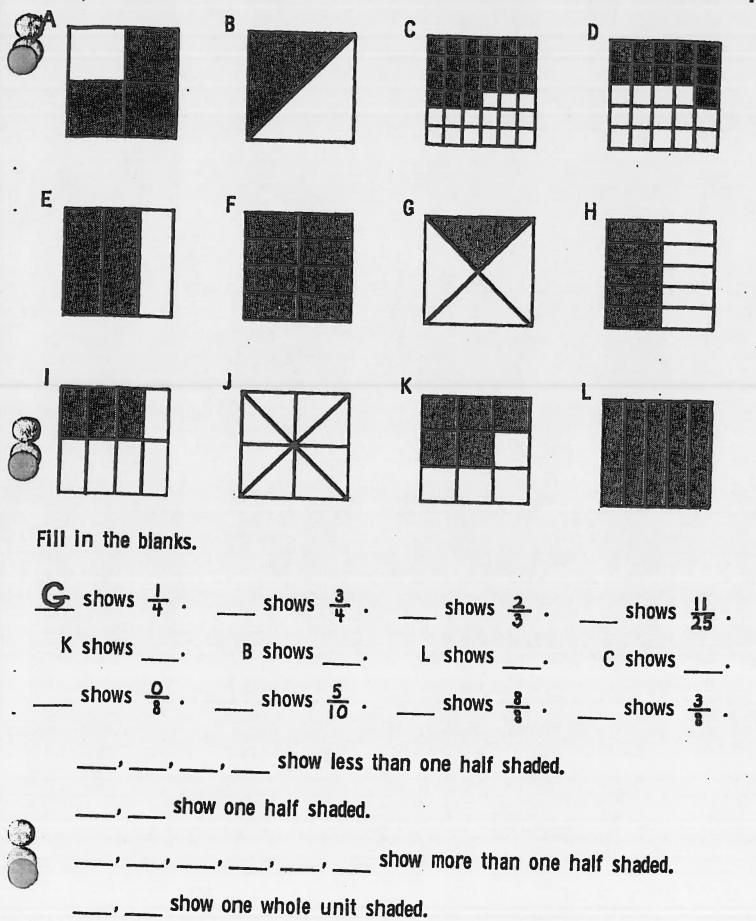
is divided into _____. It shows ____



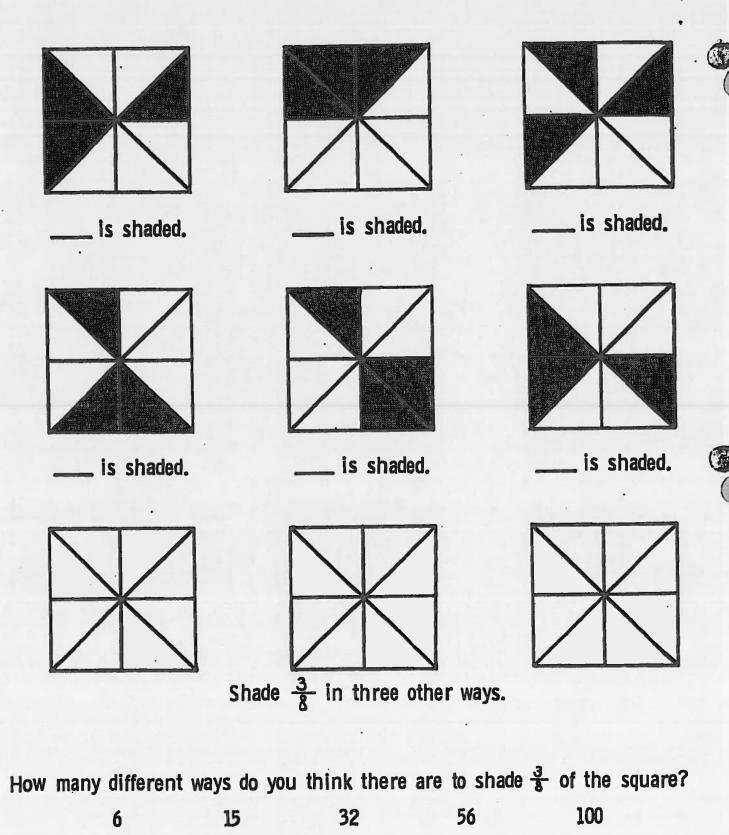
Naming Fractional Parts

Name the shaded part of each figure.





Low to the Land of the land of



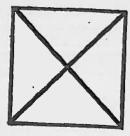
☐ I was wrong.

The answer is on the next page. See if you were right.

☐ I was right.

(

nswer from last page: There are 56 different ways to shade 🕏 of the square.



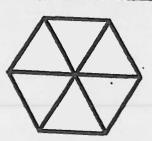
Shade 4 of the square.



Shade & of the circle.



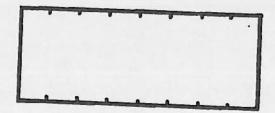
Shade $\frac{3}{4}$ of the triangle.



Shade $\frac{5}{6}$ of the hexagon.



Divide into three equal parts. Shade $\frac{2}{3}$ of the rectangle.

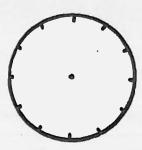


Divide into fourths.

Shade 4 of the rectangle.



Divide into four equal parts. Shade $\frac{4}{4}$ of the triangle.

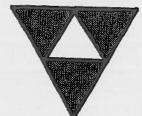


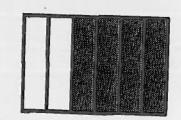
Divide into sixths. Shade $\frac{3}{6}$ of the circle.

What fraction is shaded? What fraction is not shaded?

is not shaded.	is shaded. is not shaded.
is shaded. is not shaded.	is shaded. is not shaded.
is shaded. Is not shaded. Both parts together show $\frac{5}{5}$.	is shaded. is not shaded. Both parts together show
is shaded. is not shaded. Both parts together show	is shaded. is not shaded. Both parts together show

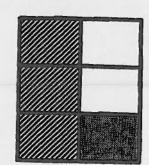
Adding Fractional Parts



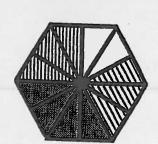


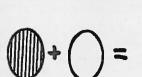
Shade $\frac{2}{5}$ of the circle.

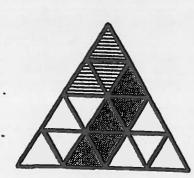




$$+\left(\frac{2}{6}\right) =$$







ry these problems without pictures.

$$\frac{3}{7} + \frac{2}{7} =$$

$$\frac{3}{7} \div \frac{2}{7} = \frac{3}{8} \div \frac{5}{8} =$$

$$\frac{3}{5} + \frac{1}{5} =$$



This cup is full.



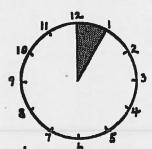
Fill this cup 3 full.



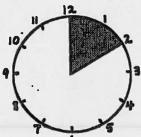
Fill this $\sup \frac{1}{2} \text{ full.}$



Fill this cup 华full.

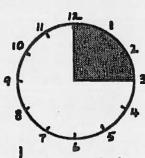


12 is shaded. Shade 12 more.

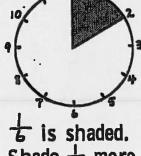




Fill this carton 3 full.



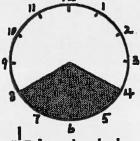
is shaded. Shade 3 more.



Shade & more.



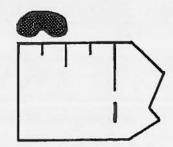
Fill this carton 中 full.



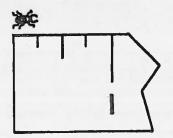
3 is shaded. Shade $\frac{1}{3}$ more.



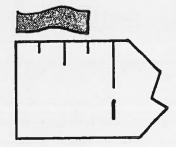
Fill this carton र् full.



This bean is _ of an inch long.



This beetle is_ of an inch long.



This noodle is of an inch long.



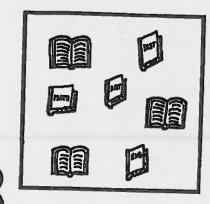


	Sheila
Math	Quiz
1. d e	6. C ×
2.6 %	7.10
2 . 2/	8. K C
3.0	8. K
3.a 4 .f 4	9.9
5.h X	
3, N **	10. j

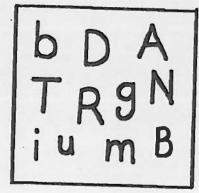
There are 10 answers on the paper.

7 of the 10 answers are correct.

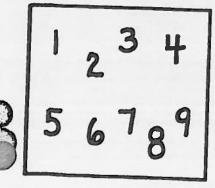
What fraction of the answers are correct?



There are ____ books in the group.
____ of the ____ books are open.
What fraction of the books are open? ____



There are ____ letters in the group.
____ of the ____ letters are vowels.
What fraction of the letters are vowels? ____ of the ____ letters are capitals.
What fraction of the letters are capitals? ____



There are numbers in the group.
of the numbers are odd.
What fraction of the numbers are odd?
of the numbers are even.
What fraction of the numbers are even?



There are stancing in the ciass.
of the students are girls.
What fraction of the students are girls?
There arestudents in the class.
of the students are happy.
What fraction of the students are happy?
What fraction of the students have glasses?
What fraction of the students have hats?
There are happy boys in the class.
of the happy boys have hats. 2
What fraction of the happy boys have hats?
There are girls with glasses in the class.
of the girls with glasses are sad.
What fraction of the girls with glasses are sad?

add circle count cube decimal divide divisor graph
line meter number plane point set square zero

There are words in the list.
of the words begin with c .
What fraction of the words begin with c?
What fraction of the words begin with p?
What fraction of the words end with e?
What fraction of the words have a \underline{t} ?
What fraction of the words have exactly four letters?
There are words that have exactly five letters.
of the five letter words begin with p?
What fraction of the five letter words begin with p?
There are $\underline{\hspace{1cm}}$ words that end with \underline{r} .
of the words that end with \underline{r} begin with \underline{d} .
What fraction of the words that end with \underline{r} begin with \underline{d} ?
What fraction of the six letter words begin with c?
What fraction of the words that begin with \underline{s} have an \underline{e} ?

Fraction Vocabulary

The top and bottom numerals in a fraction have names. The top is called the <u>numerator</u> of the fraction and the bottom is called the <u>denominator</u> of the fraction. The little line that separates the numerator and denominator is called the fraction bar.

numerator $\Rightarrow \frac{3}{4}$ \Rightarrow fraction bar

Write the fraction.

8 is the numerator; 20 is the denominator. The fraction is $\frac{8}{20}$.
6 is the numerator; 7 is the denominator. The fraction is
3 is the numerator; 4 is the denominator. The fraction is
28 is the denominator; 10 is the numerator. The fraction is
2 is the denominator; 1 is the numerator. The fraction is
7 is the numerator; 8 is the denominator. The fraction is
6 is the denominator; 0 is the numerator. The fraction is
Fill in the blanks.
In $\frac{3}{8}$, 8 is the <u>denominator</u> and 3 is the
In 5/6, 5 is the and 6 is the
In $\frac{1}{7}$, 1 is the and 7 is the
In $\frac{20}{35}$, 35 is the and 20 is the
In 1 is the and 50 is the



Reading and Writing Fractions

Match.

6	*	18	<u>3</u> 50	100
7	12	11:15	28	20
1980	\$3.50	<u> 0</u>	treven	<u>20</u> 20
100	3×4	34	<u>19</u> 80	10

11			
15	eleven fifteenths		twenty-eight
	one hundred		nineteen eightieths
	twenty twenty	-	seven elevenths
	twenty eighths		seven eleven
	three fifty		eleven fifteen
	eighteen twelfths		twenty twentieths
	twelve eighteenths		eleven tenths
	three fiftieths		one hundredth
	nineteen eighty		three fours
	ten elevenths		three fourths

This short article appeared in the school newspaper. Underline every fraction.

The girls basketball team won the league title this season. The team won seven eighths of their sixteen games. Next year might be a tough one though because three fourths of the twelve girls on the team are seniors. The boys asketball team had a fine season also, winning three fifths of their home ames and half of their away games. Things look good for the boys next year because twelve of their fifteen players will be back.

Write the numeral for each fraction.

one fifth	15	eight twelfths	
one eighth		ten elevenths	
one twelfth		thirteen fourteenths	
two thirds		thirteen fortieths	
two sixths		thirteen forty-fourths	
three seventeenths		twenty twenty-sevenths	
four fourths		twenty - seven thirtieths	
four tenths		thirty-four fiftieths	
four elevenths		fifty hundredths	
five nineteenths		fifty-six sixtieths	
five thirty-eighths		eighty-nine ninetieths	
six twentieths		one hundred hundredths	



Write the numeral for the underlined words.

The class was three fourths of an hour long.
Phil spent one half of a dollar.
Ms. Harris spent one fourth of her income on rent.
Mr. Garcia read two thirds of the book.
Judy walked six tenths of a kilometer to school.
Two fifths of the windows were broken.



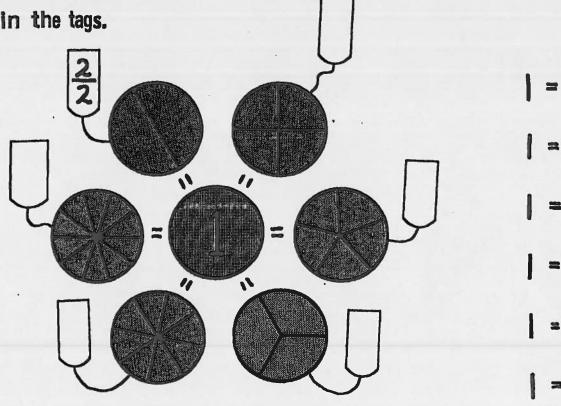


Write the fractions below just as you would say them aloud. The list at the side of the page will help you spell them correctly.

O	1	one half	3 7	three sevenths	one two three
•	3		3 8		four five six
	+		3 9		seven eight nine
	4		4 5		ten eleven twelve
	2 5		3 10		twenty thirty
	5		6		half third fourth
	7		3 3		fifth sixth seventh
	8		6		eighth ninth tenth
•	5		23		eleventh twelfth twentieth
	1 _		11		thirtieth
O	20 _		8 20		halves thirds fourths fifths
) -	30		30		sixths sevenths eighths

Fractions Equal to One

Fill in the tags.



We can say that: $| = \frac{2}{2} =$

Some other fraction names for one are: $\frac{6}{6}$, $\frac{7}{7}$, $\frac{11}{11}$, $\frac{15}{15}$, $\frac{23}{23}$.

List five more fraction names for one: ____, ___,

Circle the fraction equal to one.

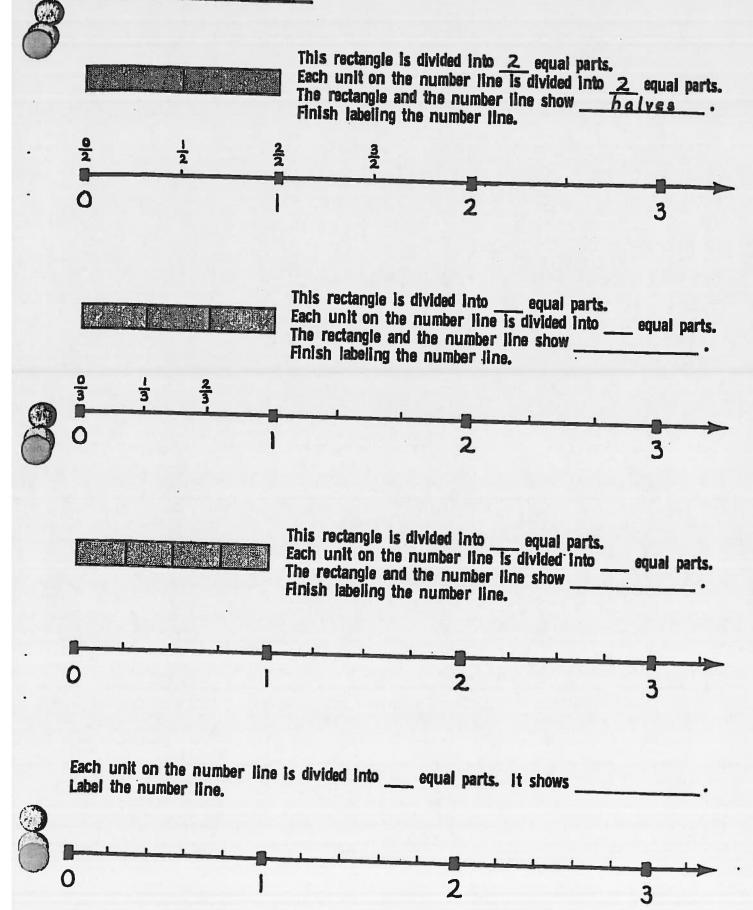
Circle the fraction equal to 3.

Circle the fraction equal to 10.

$$\frac{2}{7}$$
 $\frac{1}{8}$ $\frac{2}{2}$ $\frac{10}{11}$

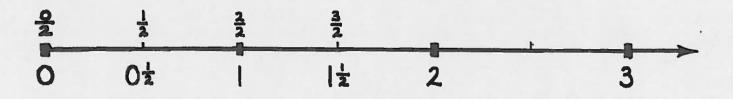
Circle all of the fractions equal to one.





A number line can be labeled with fractions or with whole numbers and mixed numbers. (A mixed number is a whole number together with a fraction.) Finish labeling the number lines. Write a fraction above each mark and write a whole number or mixed number below each mark.



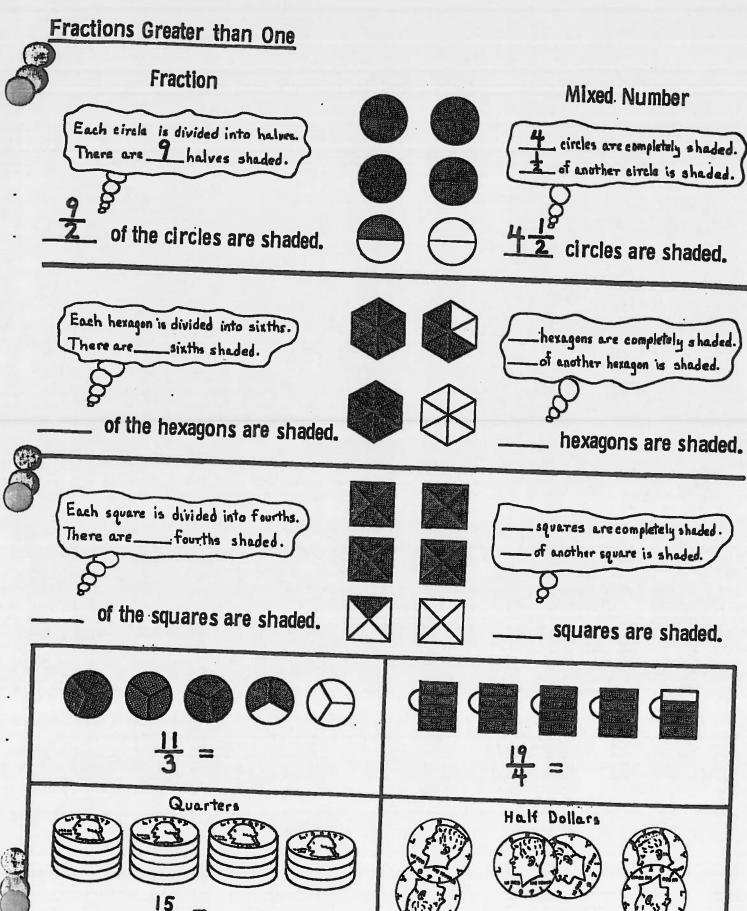






Write the whole or mixed number that equals each fraction. Use the number lines above.



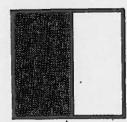


Comparing Fractions

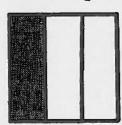
Shade the squares and then put a loop around the correct answer.



Shade ± .



Shade $\frac{1}{3}$.

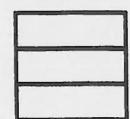


has as much shading as has less shading than

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

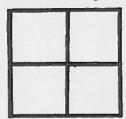


Shade 3.

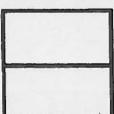


has more shading than has as much shading as has less shading than

Shade $\frac{2}{4}$.

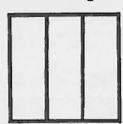


Shade $\frac{1}{2}$.

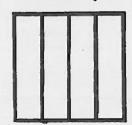


has more shading than has as much shading as has less shading than

Shade 글.



Shade $\frac{3}{4}$.



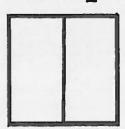
has more shading than has as much shading as has less shading than

3 4

Shade 글 .



Shade $\frac{1}{2}$.



2 is greater than 1 3 is equal to 2 Shade $\frac{4}{5}$.



Shade $\frac{3}{5}$.



is greater than is equal to 5 is less than



Shade the squares. Then fill in the blank in one of the following ways:

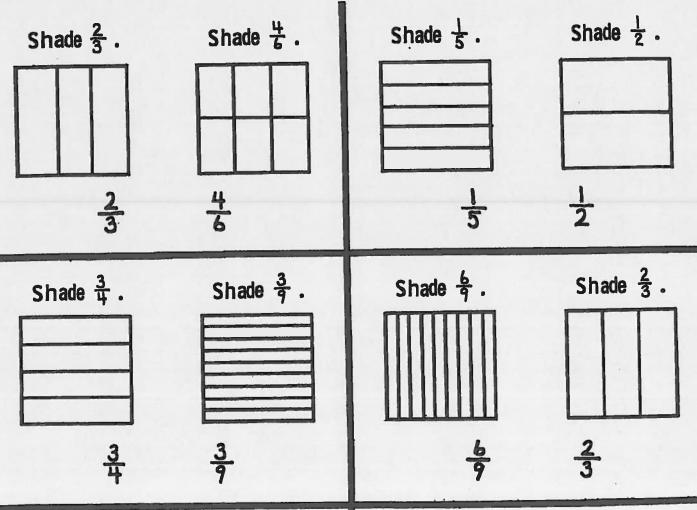
is greater than				
is equal to				
	is less	than		
Shade 1/6.	Shade 4.	Shade $\frac{2}{3}$.	Shade 2	
Shade 3/5.	Shade $\frac{3}{10}$.	Shade 3/6.	Shade 2/4.	
hade $\frac{3}{4}$.	Shade 4.	Shade ½.	Shade 3.	

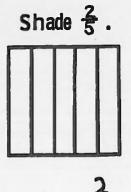
Shade $\frac{3}{5}$

Shade 辛.



- > means "is greater than"
- = means "is equal to"
- < means "is less than"







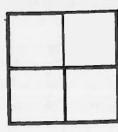
Shade $\frac{5}{8}$.



Shade $\frac{3}{6}$.



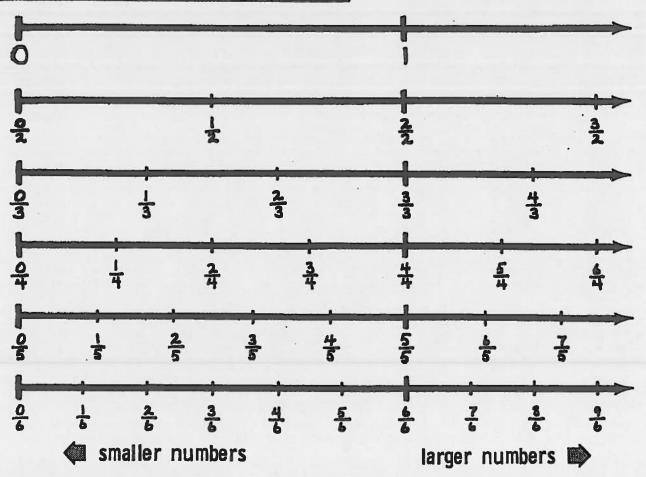
Shade 4.





Write the fraction for the shaded part of each rectangle.	
Rearrange the fractions above from smallest to largest.	
smallest 2 8	
For fractions with the same denominator:	
As the numerators get larger, the fractions get	•
As the numerators get smaller, the fractions get(Inger/smaller)	
The smallest fraction is the fraction with the smallest	
The fraction is the fraction with the largest	
(manifest (Emanache))	_
Write the fraction for the shaded part of each simple	
Write the fraction for the shaded part of each circle.)
Rearrange the fractions above from smallest to largest.)
Rearrange the fractions above from smallest to largest.)
Rearrange the fractions above from smallest to largest. Smallest For fractions with the same numerator:)
Rearrange the fractions above from smallest to largest. Smallest For fractions with the same numerator:)
Rearrange the fractions above from smallest to largest. Smallest For fractions with the same numerator: As the denominators get smaller, the fractions get)
Rearrange the fractions above from smallest to largest. smallest For fractions with the same numerator: As the denominators get smaller, the fractions get As the denominators get larger, the fractions get [Imper/smaller])
Rearrange the fractions above from smallest to largest. Smallest For fractions with the same numerator: As the denominators get smaller, the fractions get)

Comparing Fractions Using Number Lines





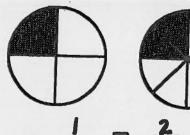
- 1. Find both fractions on the number lines.
- 2. Put a finger on each.
- 3. Decide which fraction is larger and which is smaller or if both are equal.
- 4. Put > , < , or = between the fractions to make a true statement.

2 > 1/4	2 5 4	2 1
4 2 3	4 3 2	4 2 3
<u>6</u> <u>5</u>	3 <u>2</u> 3	8 7 5
0/2 0	0 0	0 6



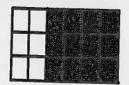
Write the fraction for the shaded part of each figure below.

Equal parts shaded.



Equal parts shaded.





-

Equal parts shaded.





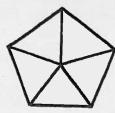
Equal parts shaded.

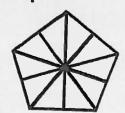




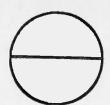
8

Shade equal parts.





Shade equal parts.





-

Shade equal parts.





Shade equal parts.



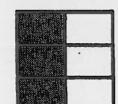




1 shaded.



Fractions equal to $\frac{1}{2}$.







We can say that: $\frac{1}{2}$ =

$$\frac{1}{2}$$
 = = =

3 shaded.



3 4

Shade fractions equal to $\frac{3}{4}$.

Shade fractions equal to $\frac{1}{3}$.







We can say that: $\frac{3}{4} = =$

Shade $\frac{1}{3}$.













We can say that: $\frac{1}{3}$ =



Finding Equal Fractions

elow is another way to find equal fractions. Start with any fraction. Pick a number larger than one. Multiply the numerator and denominator of the fraction by that number. The fraction you make looks different than the fraction you started with, but it has the same value. You have found an equal fraction.

$$\frac{|x_2|}{3^{x_2}} = \frac{2}{6}$$

$$\frac{|x|^{2}}{3^{2}} = \frac{2}{6} \qquad \frac{|x|^{3}}{3^{3}} = \frac{3}{9}$$

$$\frac{1^{n4}}{3^{n4}} = \frac{4}{12}$$

Now you find some fractions equal to $\frac{1}{3}$.

Piek S:

Pick 6:

Pick 7:

Pick 201

nd some fractions equal to $\frac{2}{3}$.

Pick 2:

Pick 3:

Pick 4: Pick 5:

Pick 6:

Find some fractions equal to $\frac{1}{4}$.

Pick 3: Pick 4: Pick : Pick : Pick :

Think about it ...

Pick 2:

$$\frac{1}{3} = \frac{2}{6}$$
 become

$$\frac{1}{3} = \frac{1}{3} \times \int$$

$$\frac{1}{3} = \frac{2}{6}$$
 because $\frac{1}{3} = \frac{1}{3} \times 1 = \frac{1}{3} \times \frac{1}{2} = \frac{1 \times 2}{3 \times 2} = \frac{2}{6}$

$$\frac{1}{4}=\frac{5}{20}$$

 $\frac{1}{4} = \frac{5}{20}$ because $\frac{1}{4} = \frac{1}{4} \times 1 = \frac{1}{4} \times 1 = \frac{1}{4} \times 1 = \frac{1}{5} = \frac{1}{4} \times 5 = \frac{5}{20}$

On this page you must make strings of equal fractions. To make a string of equal fractions you pick a number (larger than 1), multiply, and make an equal fraction. Then you pick another number, multiply, and make another equal fraction. Keep picking numbers and multiplying (always by the numerator and denominator of the first fraction) until you have finished the string.



Pick 2: Pick 3: Pick 4: Pick 5: Pick 6:
$$\frac{3}{4} = \frac{6}{8} = \frac{9}{12} = \frac{12}{16} = \frac{15}{20} = \frac{18}{24}$$

Find five fractions equal to $\frac{1}{2}$.



Find five fractions equal to $\frac{1}{5}$. You pick all the numbers to multiply by.

Find five fractions equal to $\frac{2}{5}$.

$$\frac{2}{5} = = = = =$$





Find four fractions equal to $\frac{3}{5}$.

Find four fractions equal to $\frac{1}{4}$.

Pick 2: Pick 3: Pick 4: Pick 5:

$$\frac{3}{5} = \frac{6}{10} = \frac{9}{15} = \frac{12}{20} = \frac{15}{25}$$

Find four fractions equal to $\frac{1}{8}$.

Find four fractions equal to
$$\frac{3}{8}$$
.

Find four fractions equal to $\frac{5}{8}$.

Find four fractions equal to
$$\frac{44}{9}$$
.

$$\frac{5}{8} = = = = =$$

Find four fractions equal to 10.

Find four fractions equal to $\frac{3}{10}$.

Remember, when you multiply the numerator and the denominator of a fraction by the same number (larger than 1) you make an equal fraction.



Pick 5:

. Pick□:

Pick :

Make equal fractions. First figure out what the numerator of the fraction was multiplied by and then multiply the denominator by the same number.

$$\frac{3^{15}}{4^{15}} = \frac{15}{20}$$

$$\frac{5}{8} = 10$$

$$\frac{1}{7} = \frac{3}{2}$$

$$\frac{5}{8} = \frac{15}{1}$$

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

$$\frac{3}{7} = \frac{6}{}$$

$$\frac{1}{3} = \frac{5}{3}$$

$$\frac{3}{7} = \frac{18}{1}$$

$$\frac{9}{10} = \frac{90}{10}$$

$$\frac{2}{5} = \frac{4}{5}$$

$$\frac{7}{50} = \frac{14}{1}$$

$$\frac{11}{25} = \frac{44}{}$$

$$\frac{3}{20} = \frac{9}{20}$$

$$\frac{3}{5} = \frac{21}{5}$$

$$\frac{8}{8}$$
 = $\frac{80}{8}$

$$\frac{1}{2} = \frac{10}{2}$$

$$\frac{2}{9} = \frac{10}{10}$$

$$\frac{5}{12} = \frac{20}{12}$$

$$\frac{5}{8} = \frac{50}{2}$$

$$\frac{5}{7} = \frac{40}{1}$$



ind the missing numerators to make equal fractions.

7 × 2 = 14 so you must pick 2.

$$\frac{6^{x2}}{7^{x2}} = \frac{14}{14}$$

$$\frac{4}{9} = \frac{36}{36}$$

$$\frac{7}{13} = \frac{26}{26}$$

$$\frac{1}{5} = \overline{10}$$

$$\frac{1}{25} = \frac{1}{75}$$

$$\frac{5}{5} = \overline{40}$$

$$\frac{1}{20} = \frac{1}{40}$$

$$\frac{5}{6} = \frac{30}{30}$$

$$\frac{4}{10} = \overline{30}$$

$$\frac{2}{11} = \frac{2}{55}$$

$$\frac{2}{9} = \frac{2}{63}$$

Find the missing numerators or denominators.

$$\frac{2}{5} = \frac{10}{10}$$

$$\frac{2}{7} = \frac{2}{42}$$

$$\frac{4}{16} = \frac{3}{32}$$

$$\frac{5}{6} = \overline{18}$$

$$\frac{2}{7} = \frac{14}{14}$$

$$\frac{2}{9} = \frac{2}{45}$$

$$\frac{2}{11} = \frac{2}{33}$$

$$\frac{1}{6} = \frac{7}{2}$$

$$\frac{15}{15} = \frac{}{45}$$

$$\frac{1}{8} = \frac{5}{1}$$

$$\frac{0}{3} = \frac{9}{9}$$

Practice Test - Key To Fractions Book 1 Date					
Which shows fourths?	The rectangle is divided into two equal parts or	The square is divided into three parts. It does not show thirds.			
Use a fraction to name the shaded part of each figure.					
Shade $\frac{3}{5}$.	Fill this carton 幸 full.	Finish the problem below.			
7 is the denominator; 3 is the numerator. The fraction is in $\frac{5}{12}$, is the numerator and is the denominator.					
There are figures in the group of the figures are shaded. What fraction of the figures are shaded? What fraction of the shaded figures are squares? What fraction of the triangles are shaded?					



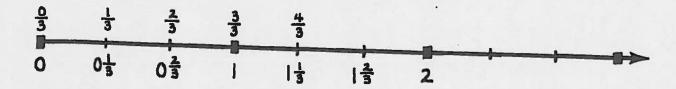
Practice Test - Page 2

Write the numeral.

one tenth ____ five eighths

Circle the fractions equal to one.

Finish labeling the number line. Write a fraction above each mark and write a whole number or a mixed number below each mark.





Shade $\frac{1}{4}$. Shade $\frac{5}{8}$.

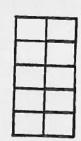




is greater than is equal to is less than

Shade equal parts. Then write each fraction.





Find equal fractions.

$$\frac{1^{*2}}{2^{*2}} =$$

$$3^{*5}$$

You pick a number to multiply by.

$$\frac{2}{5} =$$

Find four fractions equal to $\frac{1}{3}$.

Pick 2: Pick3: Pick : Pick:

$$\frac{1}{3}$$
 = = = =

Make equal fractions.

$$\frac{1}{2} = \frac{1}{6}$$

$$\frac{3}{5} = \frac{3}{10}$$

$$\frac{1}{2} = \frac{3}{6} \quad \frac{3}{5} = \frac{3}{10} \quad \frac{3}{4} = \frac{3}{16}$$

$$\frac{3}{7} = \frac{9}{1}$$

$$\frac{3}{7} = \frac{12}{12}$$

$$\frac{3}{7} = \frac{9}{7} = \frac{3}{7} = \frac{12}{6} = \frac{5}{6} = \frac{10}{10}$$

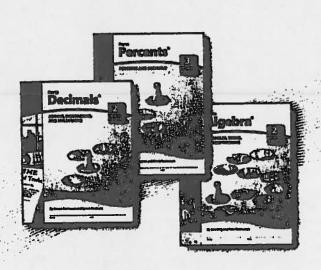
Key to Fractions' workbooks

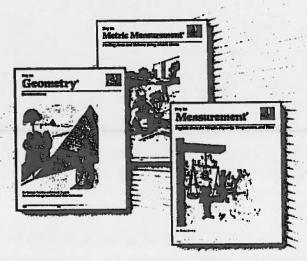
Book 1: Fraction Concepts

Book 2: Multiplying and Dividing Book 3: Adding and Subtracting

Book 4: Mixed Numbers

Answers and Notes for Books 1–4 Reproducible Tests for Books 1–4





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