

Greater or Less Than One

DEC 1

Instructions: Compare the top and bottom numbers of each fraction to tell if its value is greater than 1 or less than 1. Use the greater than (>) or less than (<) signs to show which has the greatest value.

1 $\frac{1}{3} < 1$

2 $\frac{0}{10} < 1$

3 $\frac{2}{1} > 1$

4 $\frac{17}{10} > 1$

5 $\frac{7}{8} < 1$

6 $\frac{22}{7} > 1$

7 $\frac{4}{6} < 1$

8 $\frac{1}{10} < 1$

9 $\frac{9}{3} > 1$

10 $\frac{3}{4} < 1$

11 $\frac{5}{16} < 1$

12 $\frac{4}{3} > 1$

13 $\frac{7}{1} > 1$

14 $\frac{21}{50} < 1$

15 $\frac{14}{20} < 1$

16 $\frac{18}{11} > 1$

17 $\frac{25}{30} < 1$

18 $\frac{30}{34} < 1$

19 $\frac{18}{4} > 1$

20 $\frac{100}{78} > 1$

Base 10 “Building Blocks”

DEC 2

Instructions: Complete the table below. Multiply by 10 to find Powers of 10 that are greater than 1. (hint: each time you multiply by 10, you can just put another zero on the end of your answer.) The first two have been done for you.

$1 \times 10 =$	<u>10</u>	ten
$10 \times 10 =$	<u>100</u>	one hundred
$100 \times 10 =$	<u>1,000</u>	one thousand
$1,000 \times 10 =$	<u>10,000</u>	ten thousand
$10,000 \times 10 =$	<u>100,000</u>	one hundred thousand
$100,000 \times 10 =$	<u>1,000,000</u>	one million
$1,000,000 \times 10 =$	<u>10,000,000</u>	ten million

Instructions: Complete the table below. Divide by 10 to find Powers of 10 that are less than 1. (hint: each time you divide by 10, you can just put another zero on the end of the denominator.) The first two have been done for you.

$1 \div 10 =$	$\frac{1}{10}$	one tenth
$\frac{1}{10} \div 10 =$	$\frac{1}{100}$	one hundredth
$\frac{1}{100} \div 10 =$	$\frac{1}{1,000}$	one thousandth
$\frac{1}{1,000} \div 10 =$	$\frac{1}{10,000}$	one ten-thousandth
$\frac{1}{10,000} \div 10 =$	$\frac{1}{100,000}$	one hundred-thousandth

Number Place Names

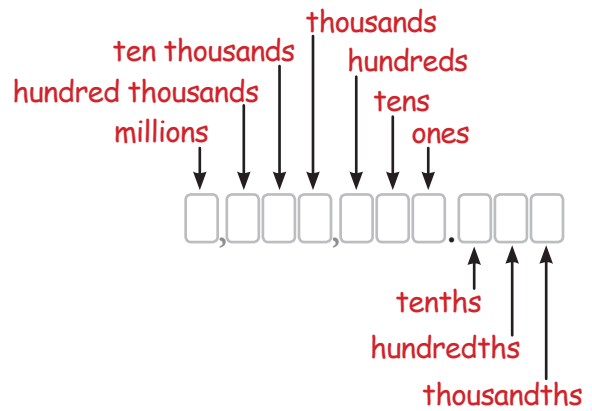
DEC 3

Instructions: The diagram to the right shows the names of the Number Places we use most often. Use this diagram to help you complete the exercises below.

Example

put a 2 in the tens place

□,□□□,□**2**□.□□□□



- | | | |
|-----------|--|---------------------------|
| 1 | put a 1 in the ones place | □,□□□,□□□ 1 .□□□□ |
| 2 | put a 5 in the thousands place | □,□□ 5 ,□□□□.□□□□ |
| 3 | put a 8 in the hundreds place | □,□□□,□ 8 □□.□□□□ |
| 4 | put a 4 in the tenths place | □,□□□,□□□□. 4 □□□ |
| 5 | put a 3 in the millions place | 3 ,□□□□,□□□□.□□□□ |
| 6 | put a 6 in the ten thousands place | □,□ 6 □□,□□□□.□□□□ |
| 7 | put a 7 in the hundredths place | □,□□□□,□□□□. 7 □□ |
| 8 | put a 0 in the tens place | □,□□□□,□ 0 □.□□□□ |
| 9 | put a 2 in the thousandths place | □,□□□□,□□□□. 2 |
| 10 | put a 9 in the hundred thousands place | □, 9 □□□,□□□□.□□□□ |

Number Places

DEC 4

Instructions: Put the correct digits in the Number Places to show the amounts listed.
If there are empty Number Places between digits, fill them with zeros as place-holders.

1 3 tens
 5 ones
 8 hundredths

□,□□□,□35.08□

Fill empty spots between other digits with zeros

2 4 hundreds
 2 ones
 5 tenths

□,□□□,402.5□□

3 8 thousands
 7 tens
 1 tenth
 3 hundredths

□,□□8,070.13□

4 5 ten thousands
 4 thousands
 2 ones
 6 tenths

□,□54,002.6□□

5 3 ones
 1 tenth
 4 hundredths
 1 thousandth

□,□□□,□□3.141

6 2 ten thousands
 9 thousands
 8 hundreds
 7 tenths
 7 thousandths

□,□29,800.707


7 7 millions
 9 ten thousands
 4 hundreds
 6 tens
 9 tenths
 7 thousandths

7,090,460.907

The Decimal Point

F-DEC 5

Instructions: These numbers are missing a decimal point. Put a decimal point in the spot necessary to make the number shown in written form.

- | | | | |
|---|--|-------------------|--|
| 1 | fifty-nine point seven | 59.7 |  |
| | five point ninety-seven | 5.97 | |
| 2 | twenty-five point six | 25.6 | |
| | two point fifty-six | 2.56 | |
| 3 | three-hundred, sixty-five point four | 365.4 | |
| | thirty six point fifty-four | 36.54 | |
| 4 | fifteen point seven, five | 15.75 | |
| | one hundred, fifty-seven point five | 157.5 | |
| 5 | eight point one, five, six | 8.156 | |
| | eight-hundred, fifteen point six | 815.6 | |
| 6 | three-thousand, two-hundred point nine | 3200.9 | |
| | thirty-two point zero, zero, nine | 32.009 | |
| 7 | fifty-five thousand, two-hundred, fourteen | 55214. (optional) | |
| | fifty-five point two, one, four | 55.214 | |
| 8 | six-hundred and two point five, seven | 602.57 | |
| | sixty point two, five, seven | 60.257 | |