

ROLL

AND

ROUND

A MATH GAME FOR 4th GRADE
COMMON CORE STANDARDS
by KELLY CLARK

COMMON CORE ALIGNMENT

4.NBT.1

Recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right.

4.NBT.2

Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form.

Compare two multi-digit numbers based on meanings of the digits in each place, using $>$, $=$, and $<$ symbols to record the results of comparisons.

4.NBT.3

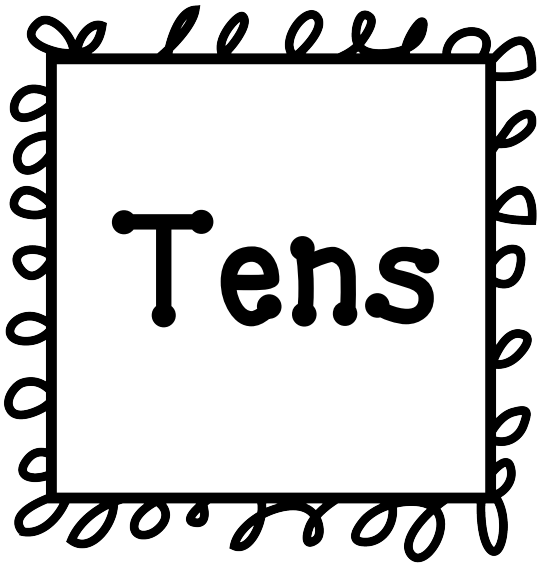
Use place value understanding to round multi-digit whole numbers to any place.

Directions for 5 digit rounding

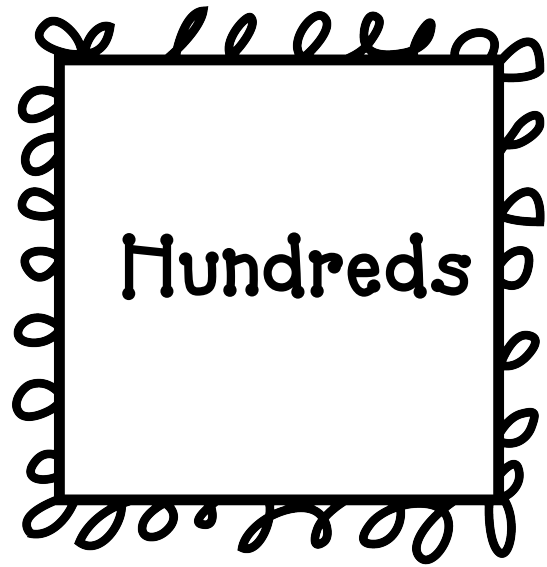
- This is a partner game.
- Partner 1 rolls the dice 5 times to make a five-digit number.
- Record the number on the paper.
- Read the number written.
- Draw a face down place value card.
- Round the number to the nearest place value just drawn.
- Partner 2 rolls the dice 5 times to make a five-digit number.
- Partner 2 reads the number written.
- Partner 2 records the number on the paper.
- Partner 2 draws a face down place value card.
- Partner 2 rounds the number to the nearest place value just drawn.
- Students check each other's work.

Directions for 6 digit rounding

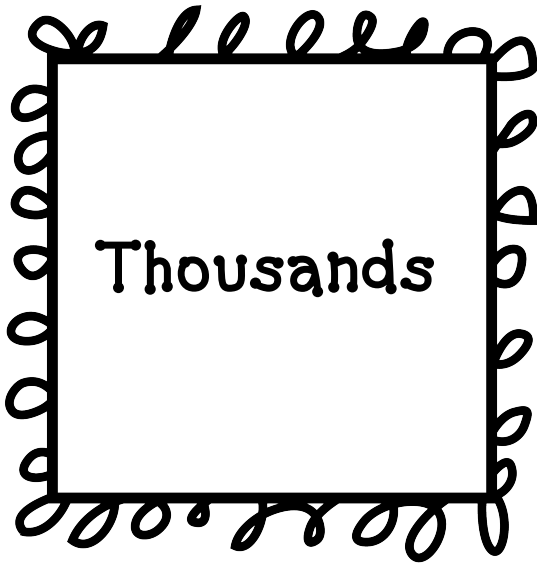
- This is a partner game.
- Partner 1 rolls the dice 6 times to make a six-digit number.
- Record the number on the paper.
- Read the number written to your partner.
- Draw a face down place value card.
- Round the number to the nearest place value just drawn.
- Partner 2 rolls the dice 6 times to make a six-digit number.
- Partner 2 reads the number written to your partner.
- Partner 2 records the number on the paper.
- Partner 2 draws a face down place value card.
- Partner 2 rounds the number to the nearest place value just drawn.
- Students check each other's work.



Tens



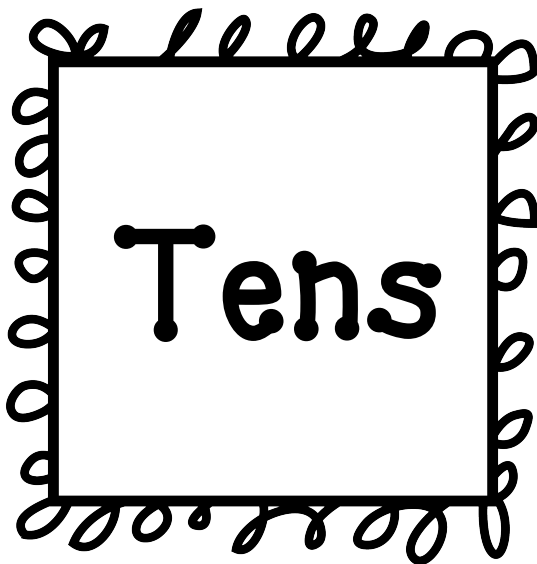
Hundreds



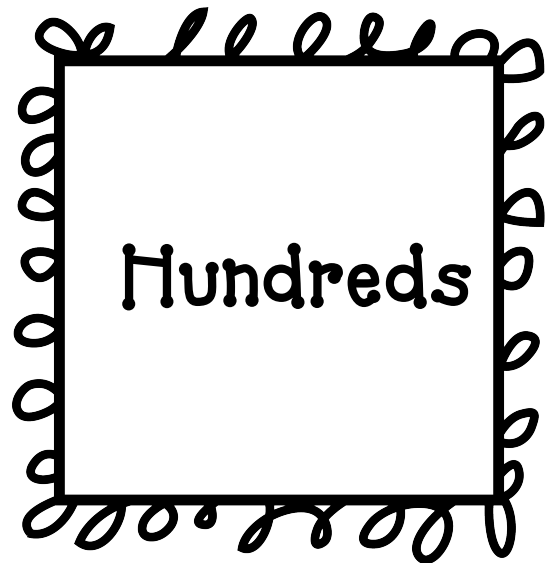
Thousands



Ten
Thousands



Tens



Hundreds

Thousands

Ten
Thousands

Tens

Hundreds

Thousands

Ten
Thousands

Tens

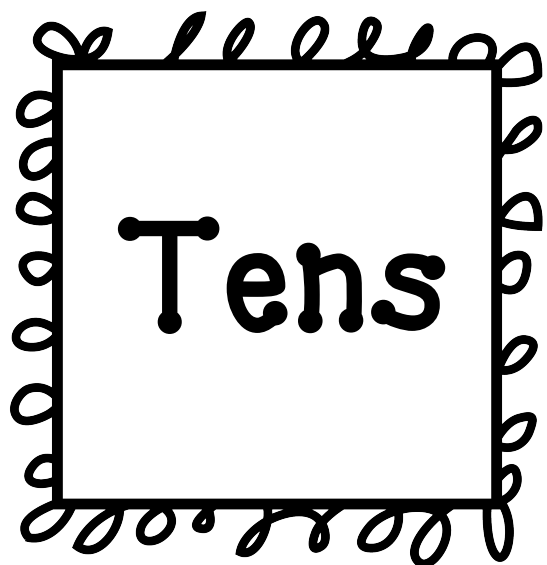
Hundreds

Thousands

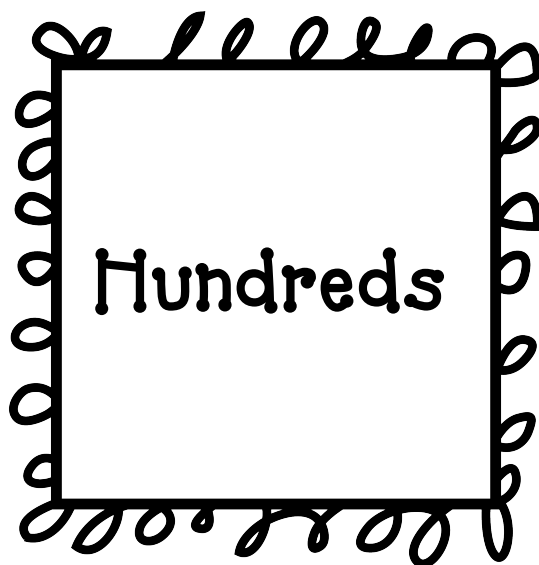
Ten
Thousands

Hundred
Thousands

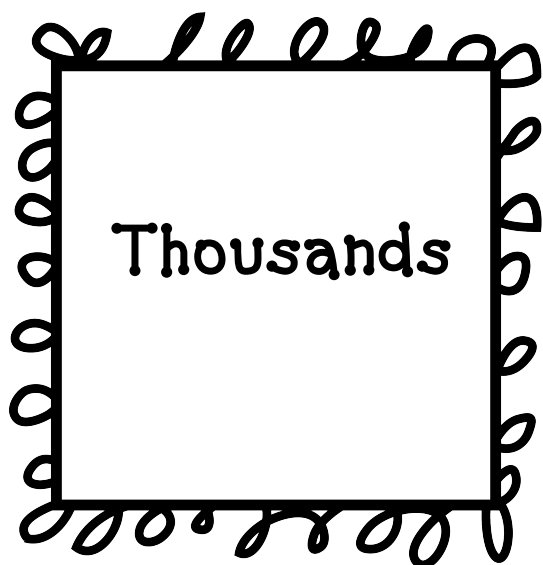
Hundred
Thousands



Tens



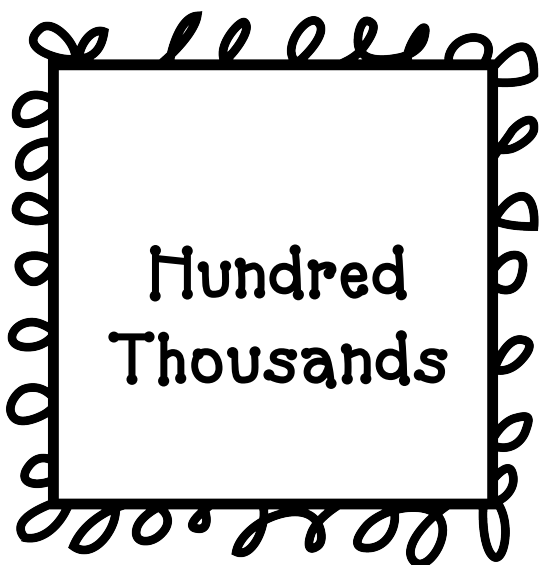
Hundreds



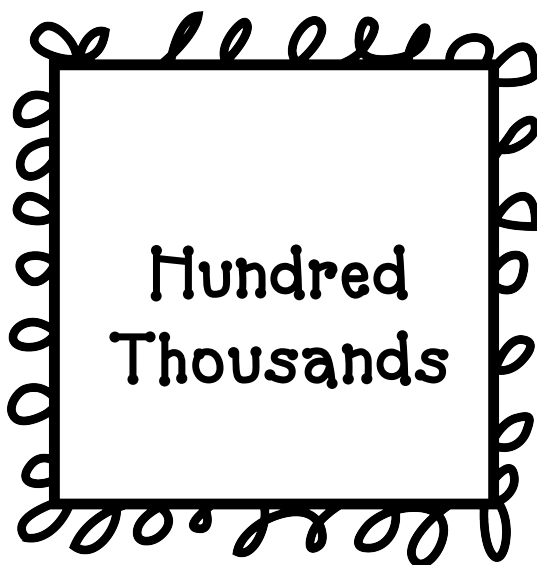
Thousands



Ten
Thousands



Hundred
Thousands



Hundred
Thousands

Name -----#-----

5 Digit Recording Sheet

Roll

____ _ Say the number
Rounded to _____ place.

____ _

Roll

____ _ Say the number
Rounded to _____ place.

____ _

Roll

____ _ Say the number
Rounded to _____ place.

____ _

Roll

____ _ Say the number
Rounded to _____ place.

____ _

My partner is _____.

Name -----#-----

6 Digit Recording Sheet

Roll

____ _ Say the number
Rounded to _____ place.

____ _

Roll

____ _ Say the number
Rounded to _____ place.

____ _

Roll

____ _ Say the number
Rounded to _____ place.

____ _

Roll

____ _ Say the number
Rounded to _____ place.

____ _

My partner is _____.



Credits

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