



Helping With Math

Rounding Whole Numbers to the Nearest Tens and Hundreds

GRADE 3



Rounding off can be simply defined as a number that is made simpler by keeping its value close to the next number. With its description, rounding off numbers' significance is to preserve the significant figures.



Good day! I am Ara, a flight stewardess. The value on the left shows the number of destinations we are about to travel. With that value, can you determine which digit represents the tens digit?



ROUNDING

- ★ Making a number simpler while keeping its value close to what it was.

Rounding Whole Numbers to the Nearest Tens and Hundreds



ROUNDING TO THE NEAREST TENS AND HUNDREDS



ROUNDING NUMBERS



- ❖ Make numbers easier to work with
- ❖ The result is less accurate, but easier to use

COMMON METHOD

- ☐ Make 5-9 round up
- ☐ Make 0-4 round down



STANDBY

EXAMPLE

53 rounded off to the nearest ten is 50, because 53 is close to 50. But 56 goes up to 60.



HOW TO ROUND NUMBERS?



STEP 1

Highlight the digit that may change

STEP 2

Underline the digit on the right

STEP 3

Round the highlighted digit

- ★ If the underlined digit is 5 or more = increased by 1
- ★ If the underlined digit is 4 or less = the same



ROUNDING TO THE NEAREST TENS AND HUNDREDS

ROUNDING WORDS

- estimate
- close enough
- approximately
- around
- roughly



RULES FOR ROUNDING NUMBERS



1.

Numbers can be rounded to the nearest ten, the nearest hundred, and so on.

2.

If the number you are rounding is followed by 5, 6, 7, 8, or 9, round the number up.

3.

If the number you are rounding is followed by 0, 1, 2, 3, or 4, round the number down.

4.

All the numbers to the right of the place you are rounding to become zeros.

5.

Rounded numbers are easier to remember and easier to use.



EXAMPLES / EXERCISES

EXAMPLES / EXERCISES

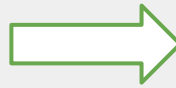


Round the following numbers to the nearest hundreds or nearest tens.



Nearest tens

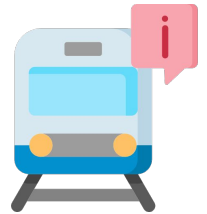
5, 892



5, 890

Nearest tens

3, 296

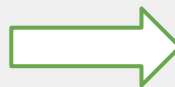


P



Nearest hundreds

6, 021



6, 000

Nearest hundreds

1, 212



Rounding Whole Numbers to the
Nearest Tens and Hundreds



TABLE OF ACTIVITIES

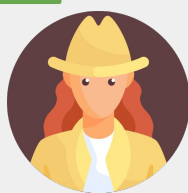
1. Train Trip to the Nearest Ten
2. Around the World
3. Next Station, Tens City
4. Town of Hundreds Bus Stop
5. Delayed Flight?
6. Love at First Trip at Seoul Tower!
7. On Board to Hundred Islands
8. Paris Surprise
9. Rounding Airlines
10. My Journey Journal



TRAIN TRIP TO THE NEAREST TENS



Help Sandy book three tickets for a train trip to Ten! Round each number to the nearest tens.

1.


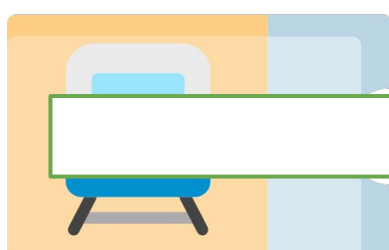


TICKET

1, 109




Blank box for rounded number



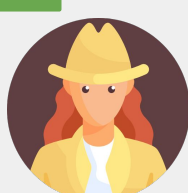
TICKET

3, 521



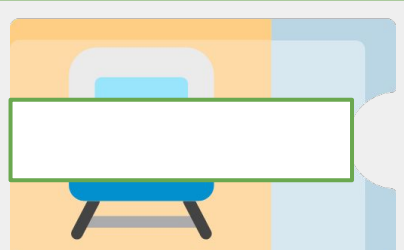

2.

3.



TICKET

2, 065



Blank box for rounded number



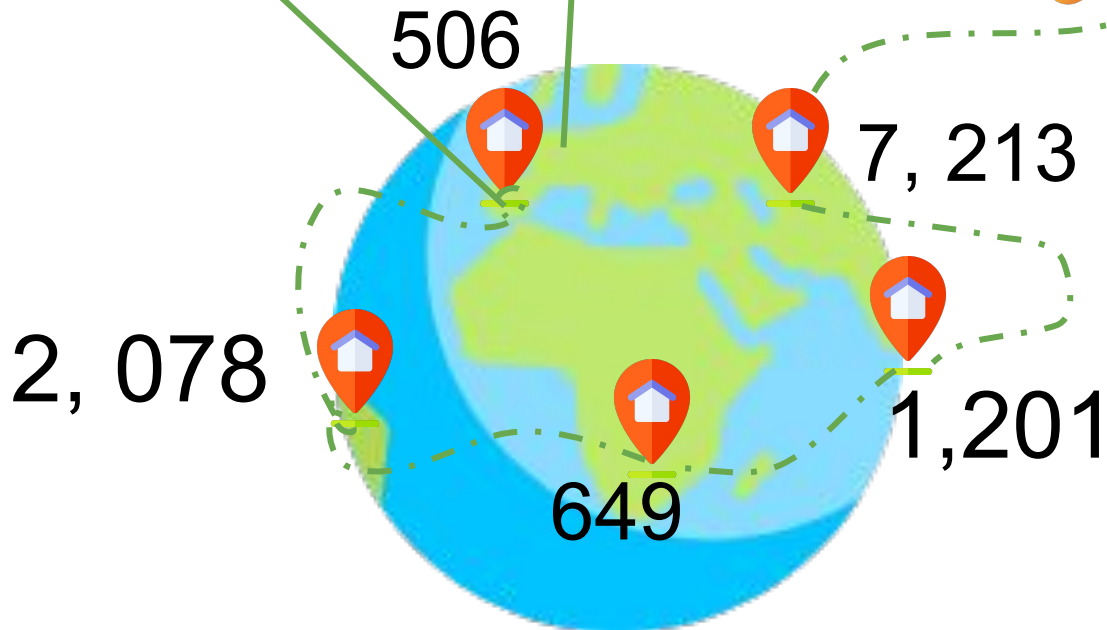
AROUND THE WORLD

Join Grace in her around the world journey. Round each number to the nearest hundreds to be in her final destination.

Bonus point!

Identify the landmark you see and write at least 2 sentences about this destination.





Rounding Whole Numbers to the Nearest Tens and Hundreds



NEXT STATION, TENS CITY

The train is heading to Tens City! Answer each question by choosing the correct number in the given choices. Color your answer.

3.

Which two numbers round to 90?

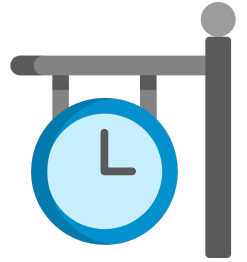


85

98

81

94



2.

Which two numbers round to 60?



68

63

57

54

1.

Which two numbers round to 30?



29

34

22

38



Rounding Whole Numbers to the Nearest Tens and Hundreds

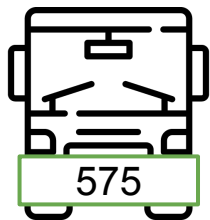


TOWN OF HUNDREDS BUS STOP

The bus is now at Hundreds Town! Answer each question by coloring the correct bus with the right numbers in the given choices.

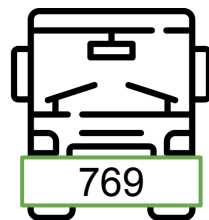
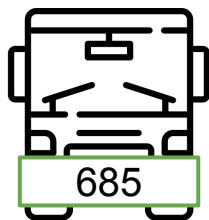
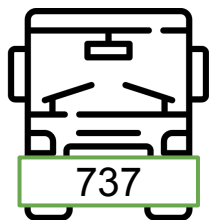
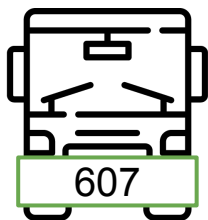
1.

Which two numbers round to 500?



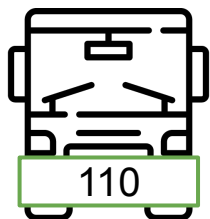
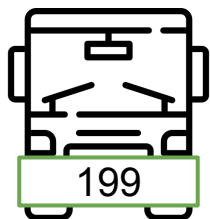
2.

Which two numbers round to 700?




3.


Which two numbers round to 200?




DELAYED FLIGHT?

Oh no! There are misconceptions among staffs of the Rounding airlines! Is the information right or wrong? Write true if the given is correct and false if it is wrong and write the correct value.

1.  775 rounds to 700

2.  45 rounds to 50

3.  109 rounds to 100



4.  98 rounds to 100

5.  829 rounds to 800

6.  78 rounds to 80



LOVE AT FIRST TRIP AT SEOUL TOWER!

Jonathan is so in love and amaze with the love lock tower in Korea!
Color the correct lock with the number that is rounded to the nearest ten.

781

1.



2, 800

2.



461

3.



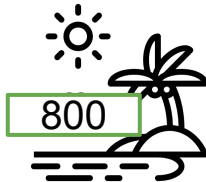
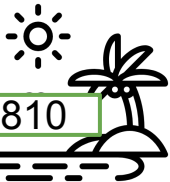
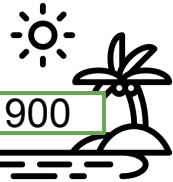
Rounding Whole Numbers to the Nearest Tens and Hundreds



ON BOARD TO HUNDRED ISLANDS

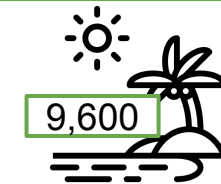
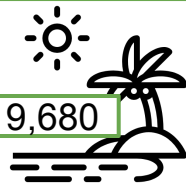
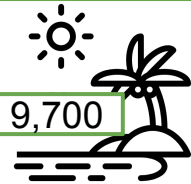
Izzie will now reach the Hundred Islands! Color the correct island that shows the number rounded to the nearest hundred.

1.

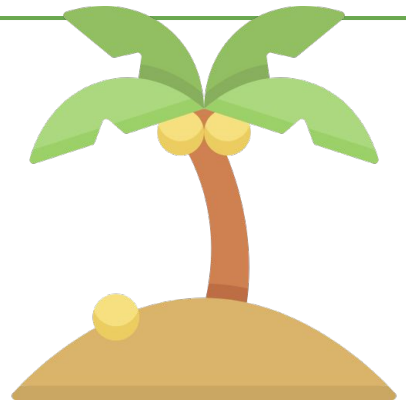


810

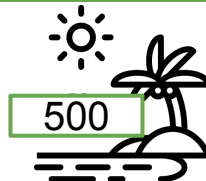
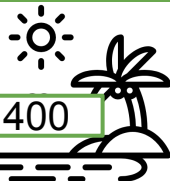
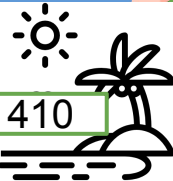
2.



9,678

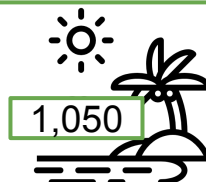
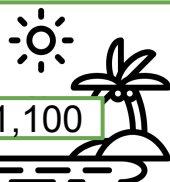


3.



409

4.



1,047

Rounding Whole Numbers to the Nearest Tens and Hundreds



PARIS SURPRISE

Help Kollin determine the surprise of her suitor! Round each number in the left column to the nearest tens while round each number in the right column to the nearest hundreds. Afterwards, solve the phrase by matching the letters to the blank boxes at the bottom page.



TENS

E

578



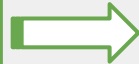
I

223



K

798



L

293



HUNDREDS

N

4,902



O

188



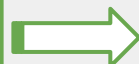
U

372



V

678



Y

1,069



220

290

200

700

580

1,100

200

400

800

200

290

290

220

4,900

!

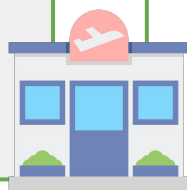
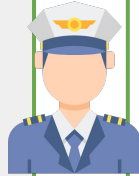


Rounding Whole Numbers to the Nearest Tens and Hundreds



ROUNDING AIRLINES

Now is the time that Dan will show his skills and learning to apply for a job at Rounding Airlines! Provide your own given. Write 5 numbers on the left side then round each to the nearest tens. Write 5 numbers on the right side then round each to the nearest hundreds.



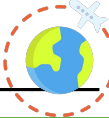

Rounding Whole Numbers to the Nearest Tens and Hundreds



MY JOURNEY JOURNAL

Now is the time to put your learning and experience in your trip!
Simply answer the questions below.

Is rounding whole numbers to the nearest tens and hundreds easy, average, or difficult for you to understand? Why?



What are the other ways you can do to understand this lesson better?
Cite 3 ways.



ANSWER GUIDE

Activity 1

1. 1, 110
2. 3, 520
3. 2, 070

Activity 2

1. 500
2. 2, 100
3. 600
4. 7, 200

Activity 3

1. 29, 34
2. 63, 57
3. 85, 94

Activity 4

1. 525, 467
2. 737, 685
3. 199, 210

Activity 5

- | | |
|---------------|---------|
| 1. False, 800 | 4. True |
| 2. True | 5. True |
| 3. True | 6. True |



ANSWER GUIDE

Activity 6

1. 780
2. 2,800
3. 460

Activity 7

1. 800
2. 9,700
3. 400
4. 1,000

Activity 8

E- 580	O- 200
I- 220	U- 400
K- 800	V- 700
L- 290	Y- 1, 100
N- 4, 900	Word: I LOVE YOU KOLLIN!

Activity 9

Answers may vary as the activity is subjective.

Activity 10

Answers may vary as the activity is subjective.



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