Name _____ Date _____

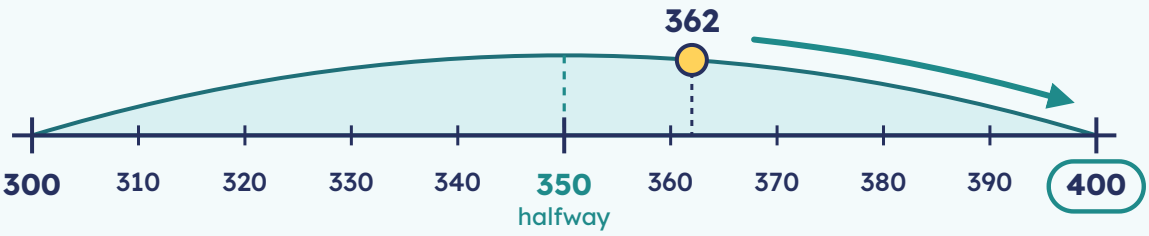
Rounding to 100

Find the hundreds either side, then let the tens digit decide.

1 Learn



The hills are bigger now! Each hill goes from one hundred to the next, and the top is at the **fifty**.



Th	H	T	O
1	2	3	8

hundreds in yellow, deciding digit ringed

Round 1,238 to the nearest 100

1. Find the hundreds either side: **1,200** and **1,300**.
2. The deciding digit is just right of the hundreds: the tens digit, **3**.
3. 3 is less than 5, so round **down**: the hundreds digit stays 2.

1,238 rounds to **1,200**.

Flip's tip: only the deciding digit counts. In **349** the tens digit is 4, so it rounds down to **300**, even though there's a 9 in the ones.

Warm up: write the hundreds either side of each number.

☐ **270** ☐ ☐ **815** ☐ ☐ **1,460** ☐

Grown-ups: the halfway point between two hundreds is the fifty: 350 is halfway between 300 and 400, and rounds up to 400. Numbers under 100 sit on the hill from 0 to 100.

Name _____ Date _____

2 Try it together a child and a grown-up, about 10 minutes



Book hunt

You need: 4 or 5 books of different sizes (story books, cookbooks, anything with page numbers) and a pencil.

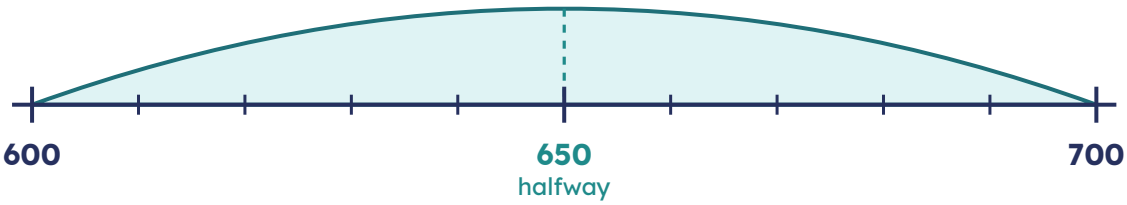
1. Find the last page number in each book. Write it in the table.
2. Say which two hundreds it's between. (A book with fewer than 100 pages is between 0 and 100.)
3. Find the deciding digit (the tens) and round to the nearest 100.
4. Put the books in order from fewest pages to most. Do any of them round to the same hundred?

Book	Pages	Hundreds either side	Nearest 100

Grown-ups: books with 312 and 287 pages both round to 300. Rounding gives a quick "about how many" answer, which is handy for comparing.

3 Practise

A. Draw an arrow to show where each number goes on the hill. Then round it to the nearest 100.



620 rounds to ____ **685** rounds to ____ **650** rounds to ____

Rounding to 100

Name _____ Date _____

B. Fill in the table.

Number	Hundreds either side	Deciding digit	Nearest 100
438			
750			
85			
1,349			
2,961			
4,050			

C. Rounded to the nearest 100. Ring **true** or **false**.

351 → 400 (true) (false)

1,250 → 1,200 (true) (false)

2,094 → 2,100 (true) (false)

5,508 → 5,600 (true) (false)

D. Write the **smallest** and **largest** whole numbers that round to 500 (nearest 100).

smallest _____

largest _____

Challenge

Leo says, "349 rounds to 350, and 350 rounds to 400. So 349 rounded to the nearest 100 is 400." Is Leo right? Explain.

_____

_____

I can... Tick when you can.

- [ ] find the hundreds either side of a number
- [ ] use the tens digit to decide up or down
- [ ] round a number to the nearest 100