

Name: \_\_\_\_\_

Monday REVIEW

Determining between which two tens (or hundreds) a number lies.

A *ten* is any whole number that has a zero in the ones place. Which of the following numbers are *tens*? (Circle them.)

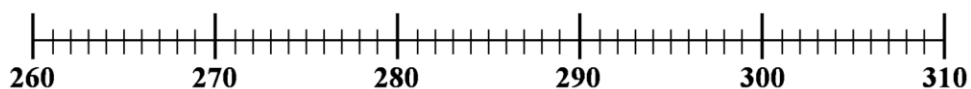
20      15      150      200      0      205      1,000

A *hundred* is any whole number that has zeroes in both the tens and the ones places. Which of the following are *hundreds*?

200      205      0      250      900      1,000

On the number line, any number (*which is not itself a ten*) lies somewhere between two *consecutive* tens (a ten and the next ten after it). It will be greater than one of these tens and less than the other.

Let's look at the number 287, for example.



287 is *not* a ten, so its place on the number line is somewhere between two *consecutive* tens.

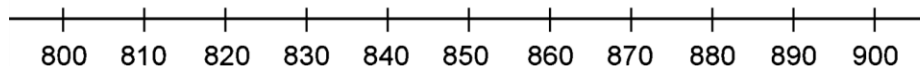
287 is greater than the ten 280.  $287 > 280$

287 is less than *the very next ten after 280*, i.e. 290.  $287 < 290$

So, 287 lies directly between 280 and 290.  $280 < 287 < 290$

It works the same way with hundreds. On the number line, any number (*that is not itself a hundred*) lies somewhere between two consecutive hundreds. (A hundred is any number with zeros in both the tens and the ones places.)

Look at the number 835. It is not a hundred, so its place on the number line is somewhere between two consecutive hundreds.



835 is greater than the hundred 800.  $835 > 800$

835 is less than the *next hundred after 800*, i.e. 900.  $835 < 900$ .

So, 835 lies between the hundreds 800 and 900.  $800 < 835 < 900$

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YOUR TURN:

If you can do these problems without drawing a number line, that's great. But if you're having trouble, make things easy for yourself and draw the number line.

1. Between which two consecutive hundreds does 834 lie?

Between which two consecutive tens does 834 lie?

2. Between which two consecutive hundreds does 356 lie?

Between which two consecutive tens does 356 lie?

3. Between which two consecutive hundreds does 78 lie?

Between which two consecutive tens does 78 lie?

4. Between which two consecutive hundreds does 296 lie?

Between which two consecutive tens does 296?

5. Between which two consecutive hundreds does 940 lie?

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Between which two consecutive tens does 940 lie?