

Number detective

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Use the clues to work out the mystery number. Write your answer in WORDS.

I am bigger than 100 but smaller than 105. My ones digit is 3.

I am a multiple of ten. I am bigger than 90 but smaller than 120. My tens digit is 1 more than 0.

I am between 110 and 120. My ones digit is the same as my tens digit.

I am bigger than 90 but smaller than 100. If you add 1 to me, you get a multiple of ten.

Trickier clues – these mystery numbers need two clues put together.

I am between 100 and 110. My ones digit is one more than my tens digit.

I am bigger than 95. I am smaller than 105. I am NOT a multiple of ten.

My ones digit is 8. My tens digit is 1. I am bigger than 100.

If you count back 2 from me, you land on exactly 100.

Build your own code

Now flip it – write the mystery number's clues yourself!

Pick a secret number between 100 and 120. Write TWO clues that would help a partner guess it (without saying the number). Swap with a partner and see if they can crack your code.

My secret number: _____ (don't let your partner see this!)

Clue 1: _____

Clue 2: _____

Partner's guess: _____