

Purposeful Design

# MATHEMATICS

Grade 2

Second Edition

***Place Value  
to Thousands***

Each number has a position. Together the numbers make 345. Place value gives a name to each position.



hundreds

ones

tens





What number is this?

hundreds

tens

ones



534

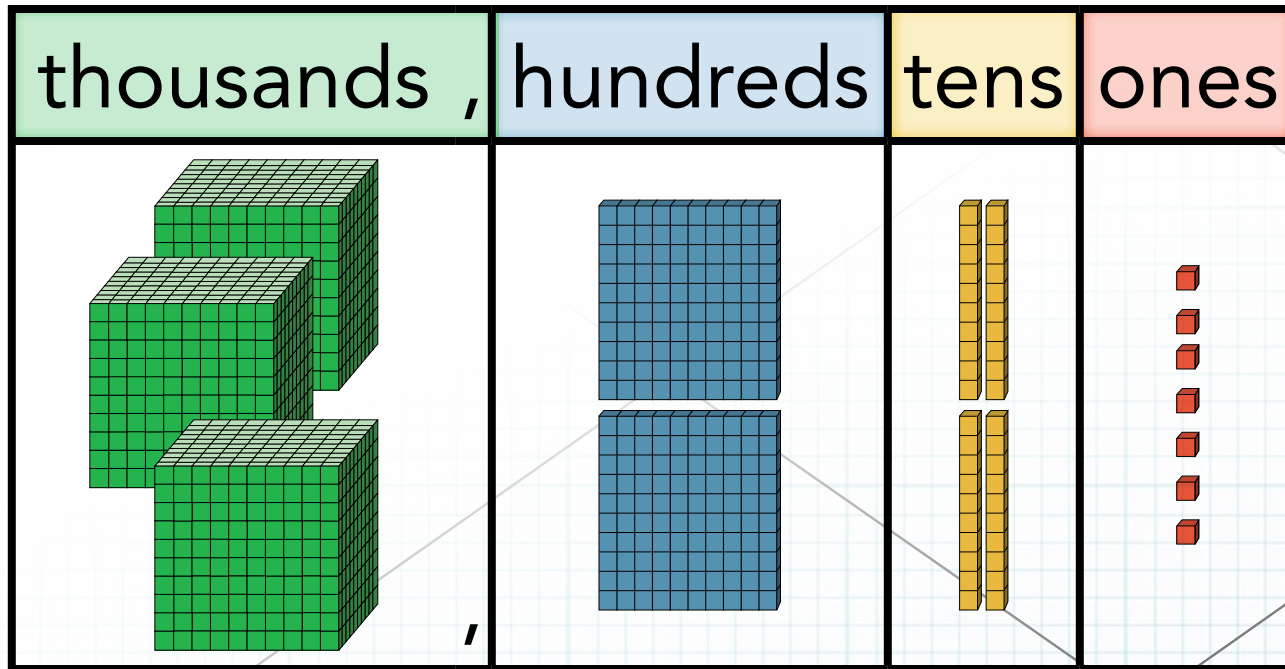
hundreds

ones

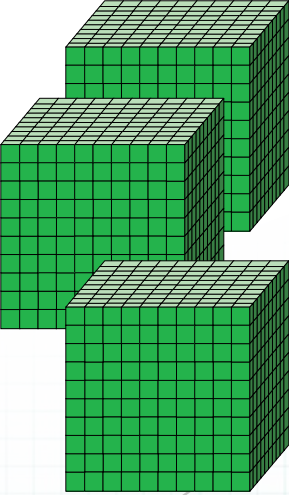
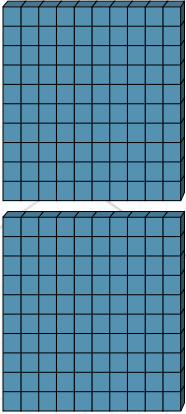


tens



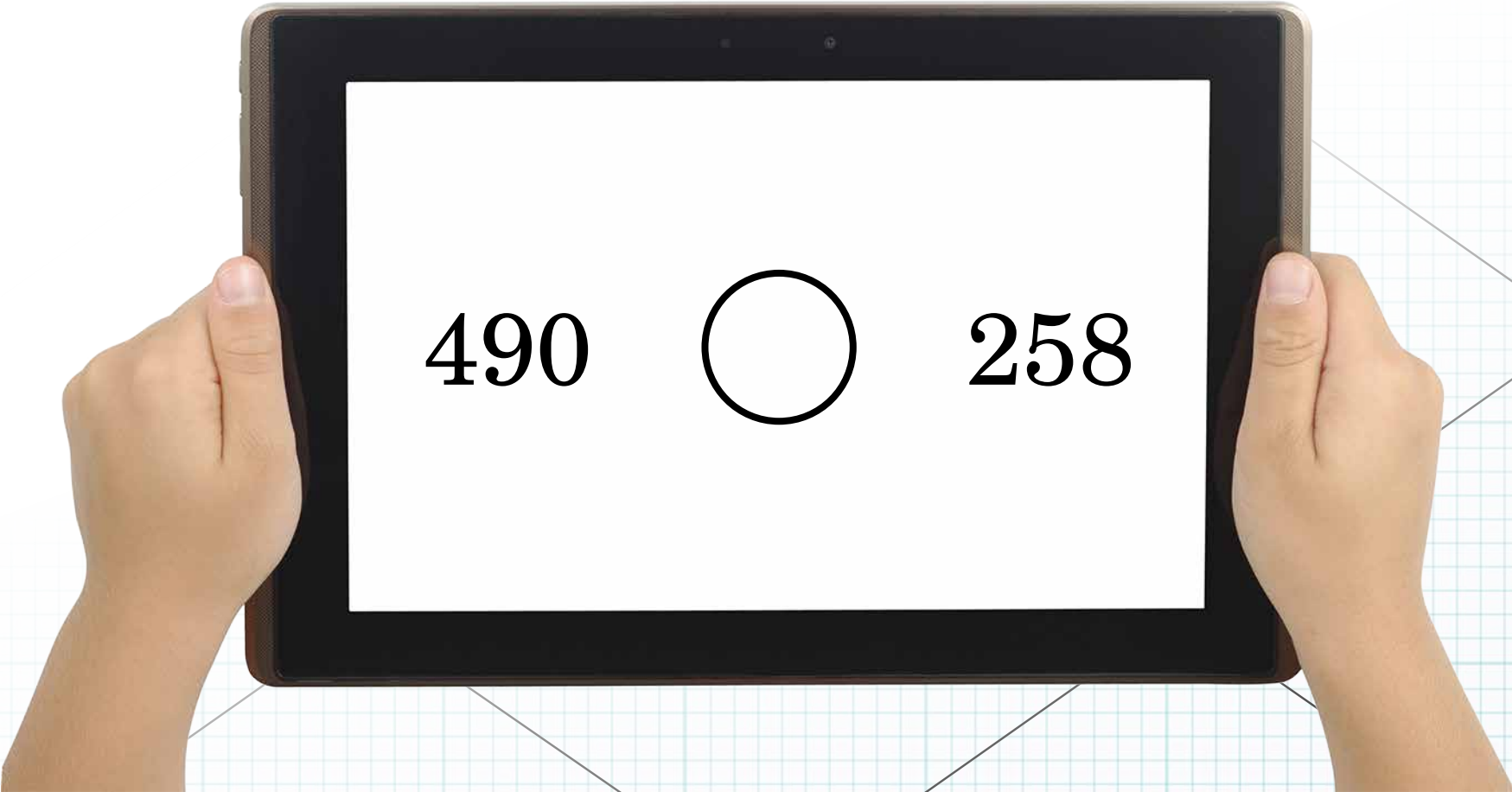
The thousands place is used for bigger numbers.  
What number is this?





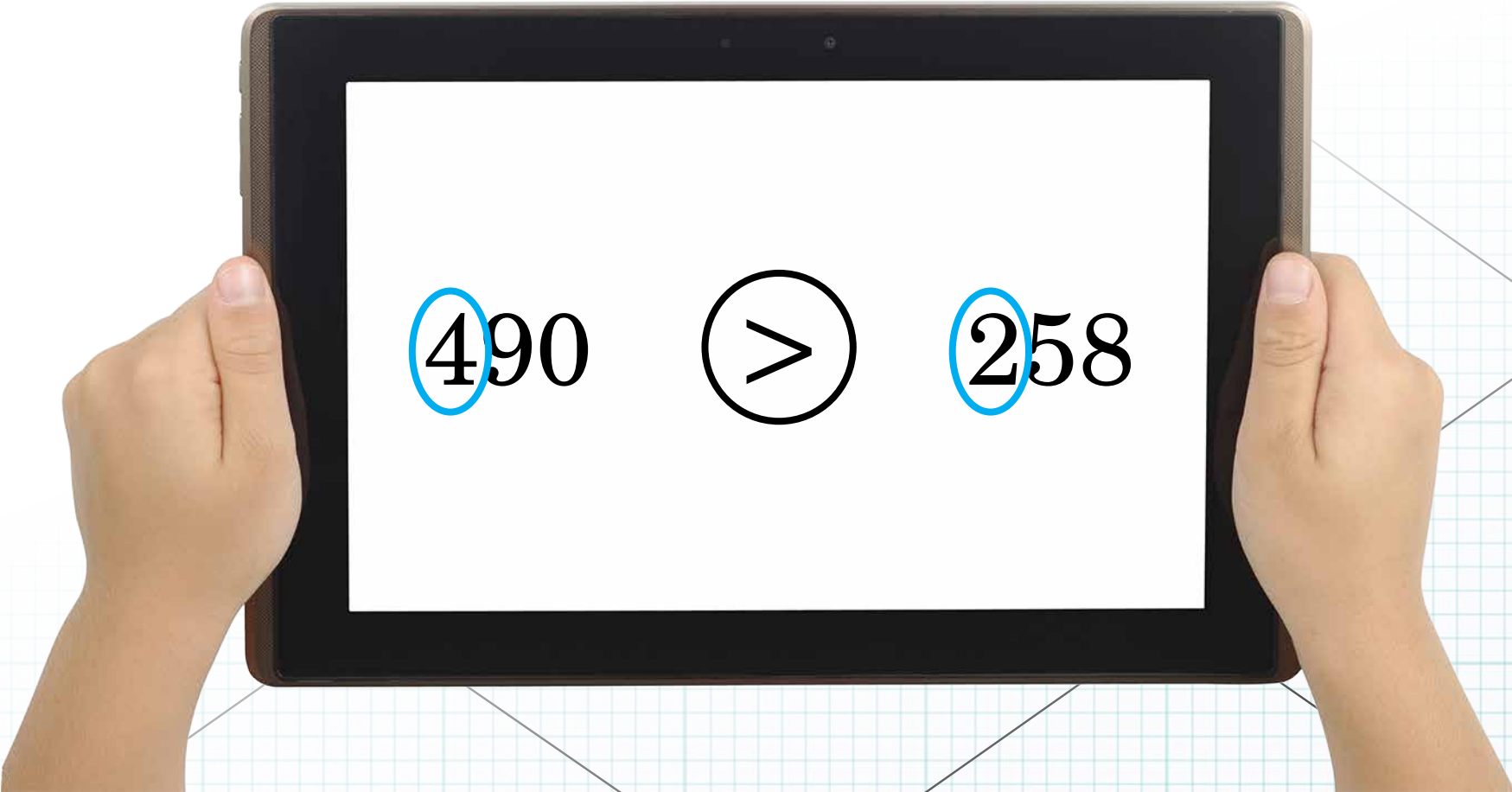
thousands ,	hundreds	tens	ones
			
3 ,	2	4	7

Place value helps you compare numbers.  
Compare hundreds. Which number is greater?



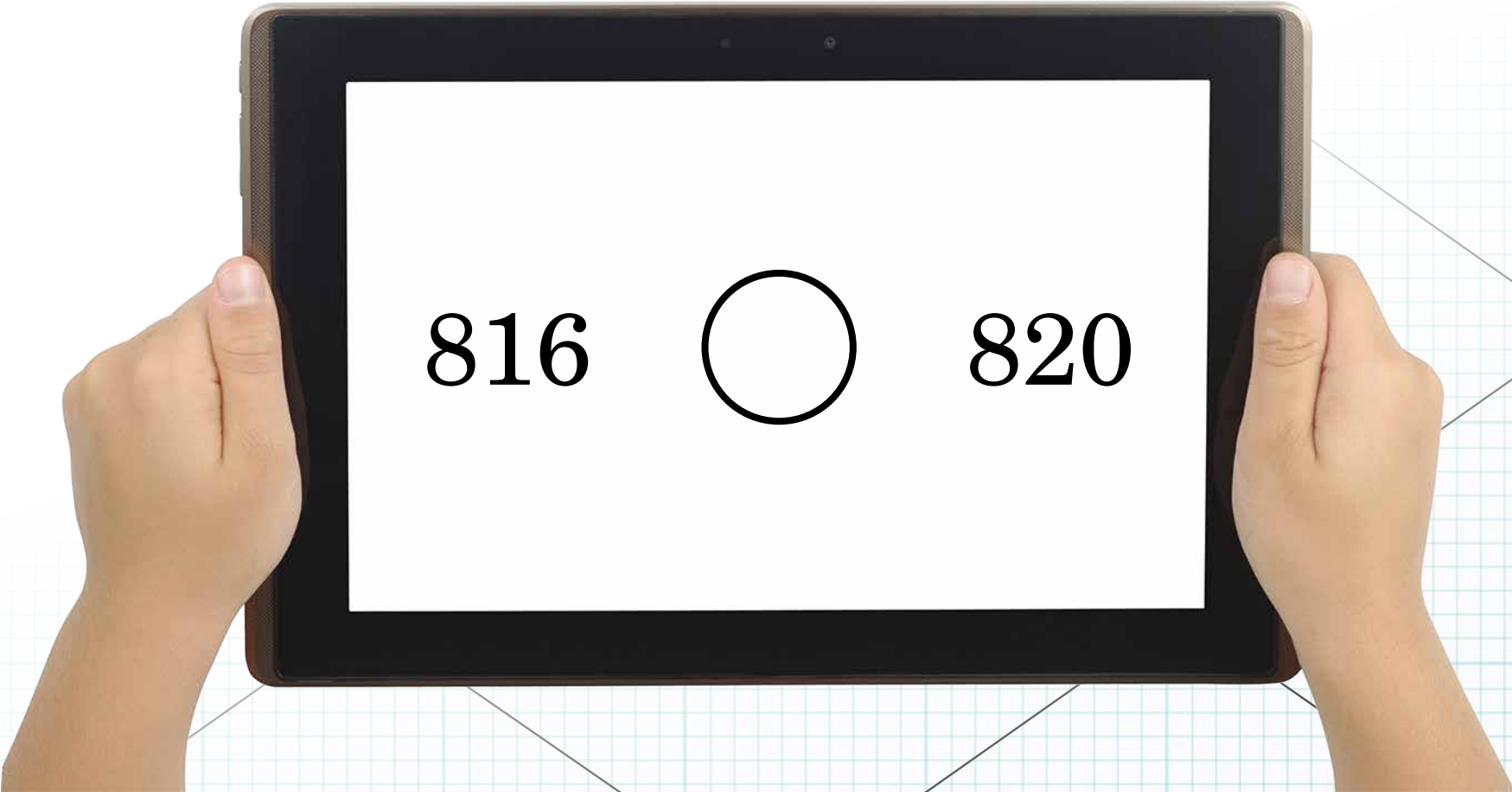
490  $>$  258



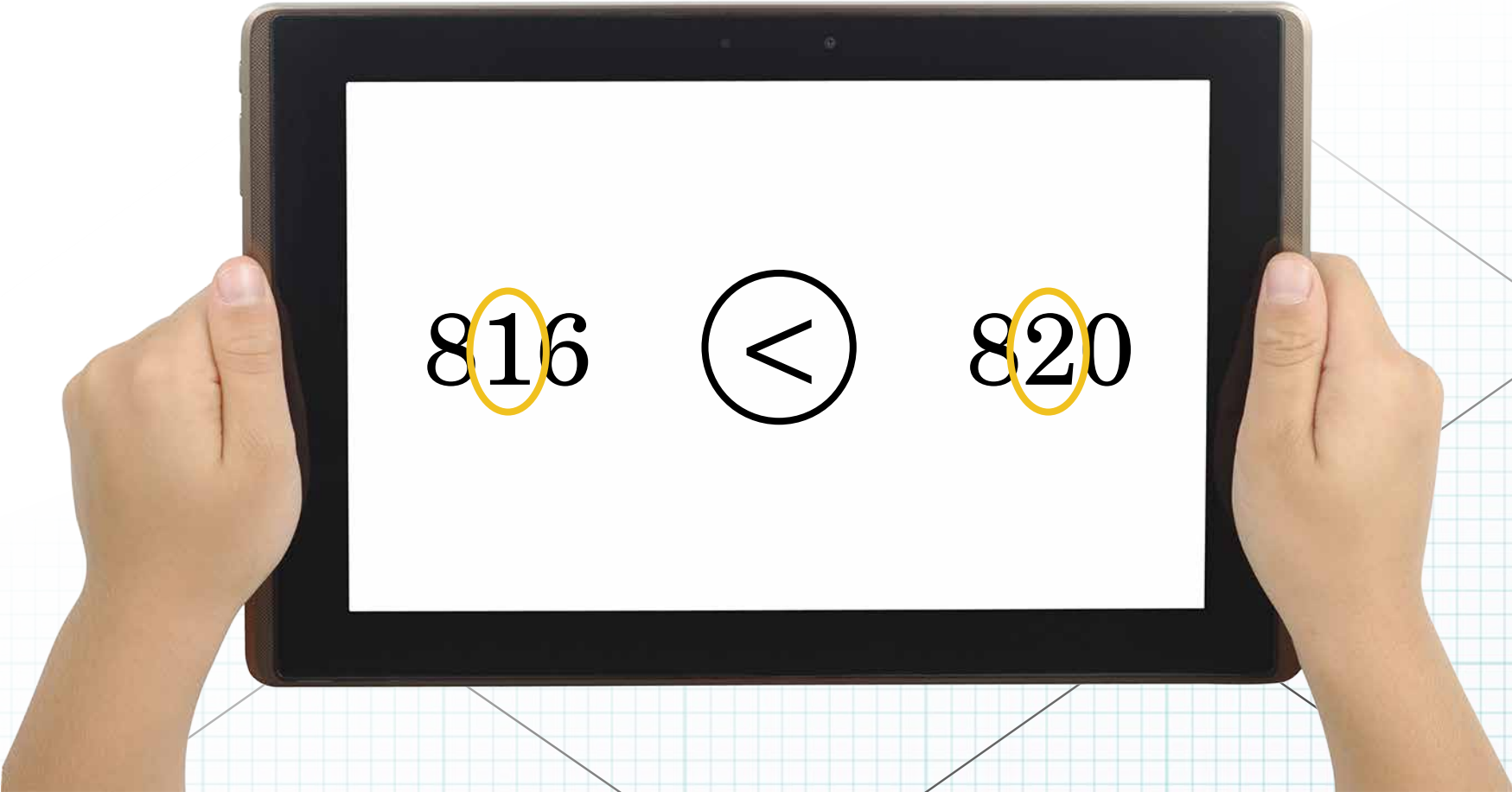


490 > 258

When the hundreds are equal, compare tens.  
Which is greater?

A tablet computer is held by two hands, one on each side. The screen of the tablet is white and displays the numbers 816 and 820 separated by a large circle, which is a placeholder for a comparison symbol like greater than, less than, or equal to. The background of the entire image is a light blue grid pattern.

816 ○ 820

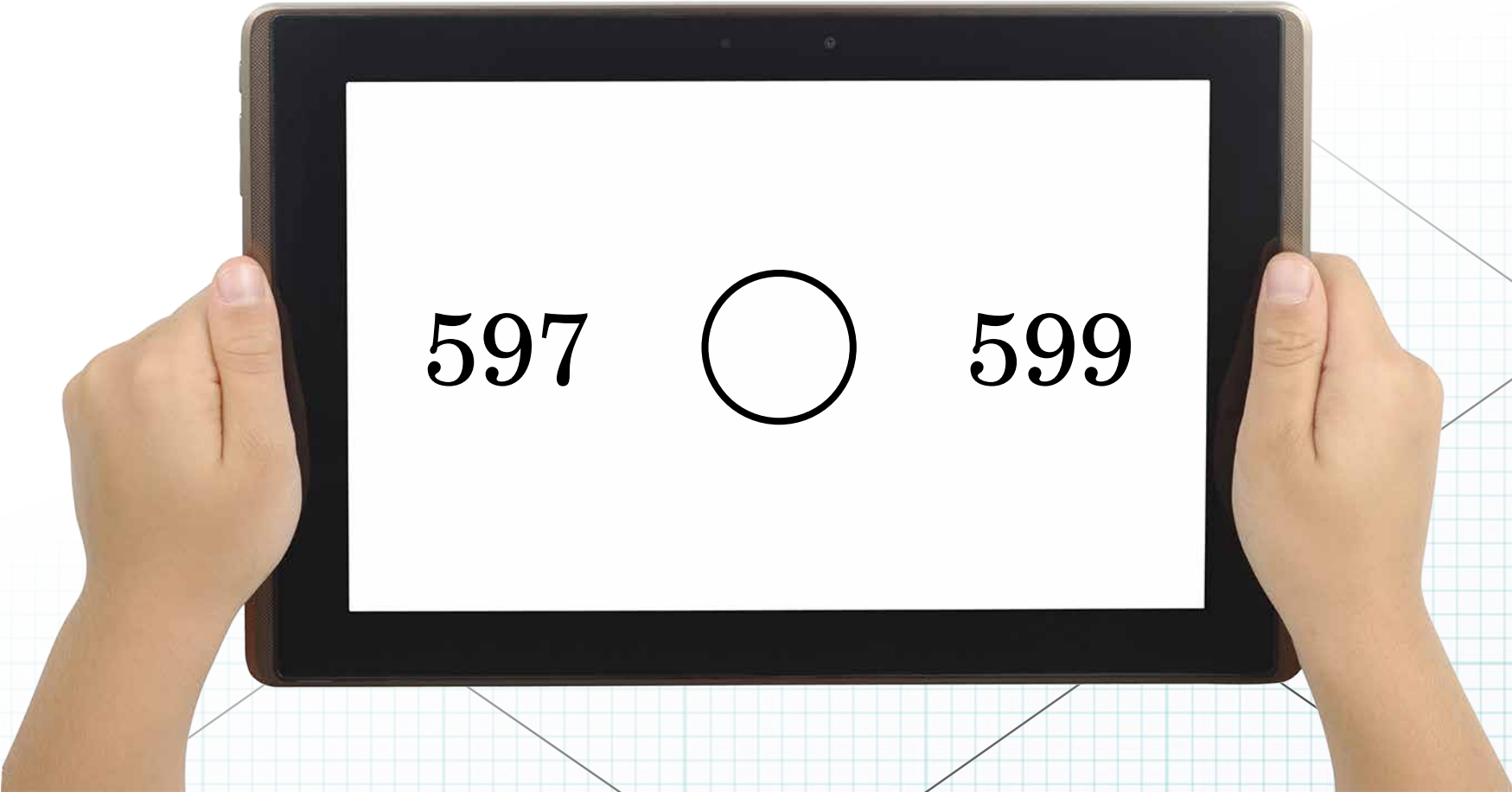


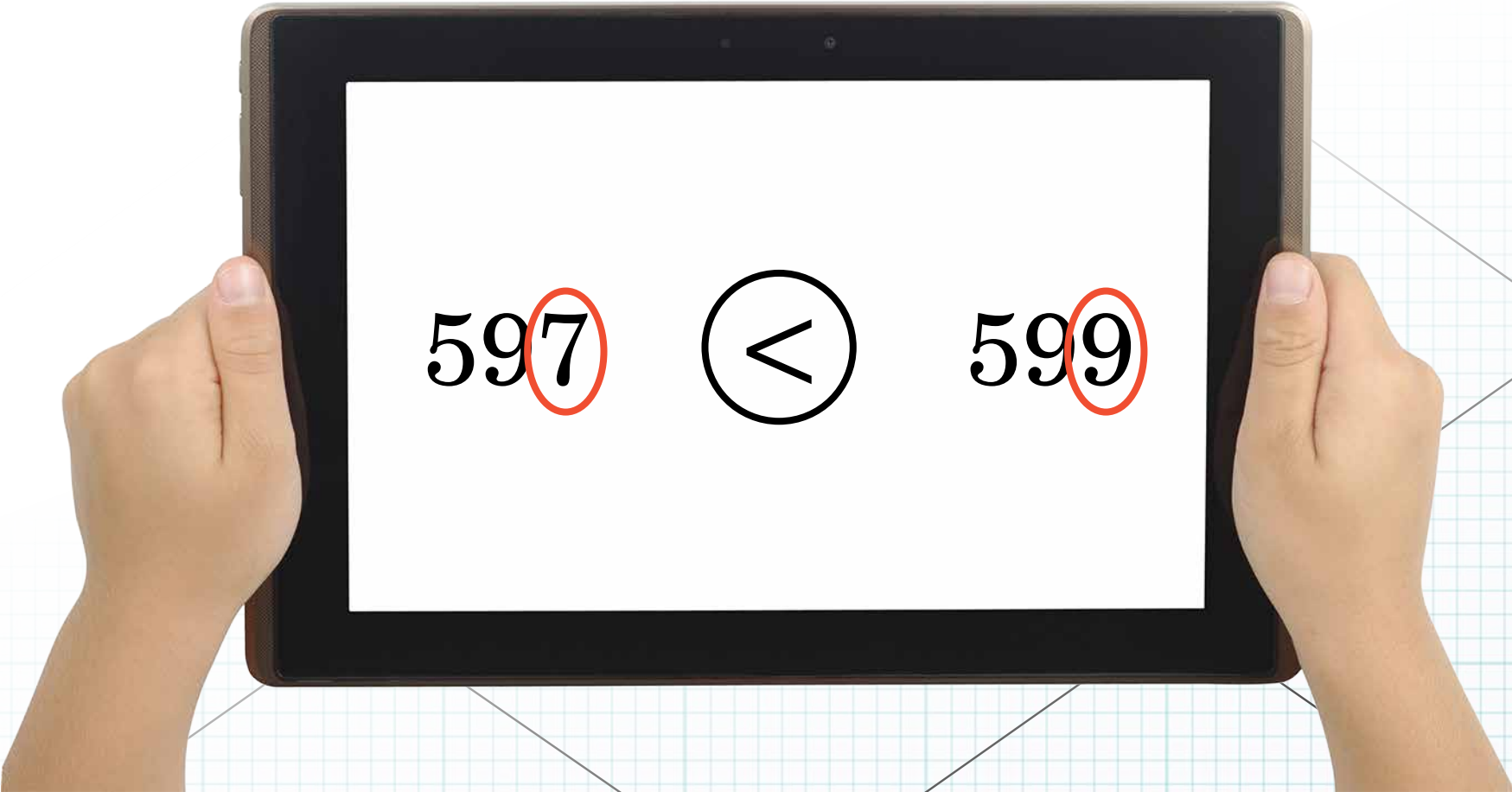
The image shows a tablet held by two hands, displaying a mathematical comparison. On the screen, the number 816 is on the left and 820 is on the right, with a less-than sign (<) in the center. The tens digit '1' in 816 and the tens digit '2' in 820 are each circled in yellow. This visualizes that 1 is less than 2, which is why 816 is less than 820.

$$816 < 820$$



When the hundreds and tens are equal,  
compare ones. Which is greater?

A tablet computer is held horizontally by two hands. The screen is white and displays the numbers 597 and 599 separated by a large circle, representing a comparison problem. The background of the entire image is a light blue grid pattern.
$$597 \bigcirc 599$$



597 < 599

Put these numbers in order from least to greatest.



134

1,034

500



810

1,499





Put these numbers in order from least to greatest.

134

1,034

500

810

1,499



Put these numbers in order from least to greatest.

134

500

810

1,034

1,499



Put these numbers in order from least to greatest.

134

500

810

1,034

1,499



Put these numbers in order from least to greatest.

134

500

810

1,034

1,499



Put these numbers in order from least to greatest.

134

500

810

1,034

1,499