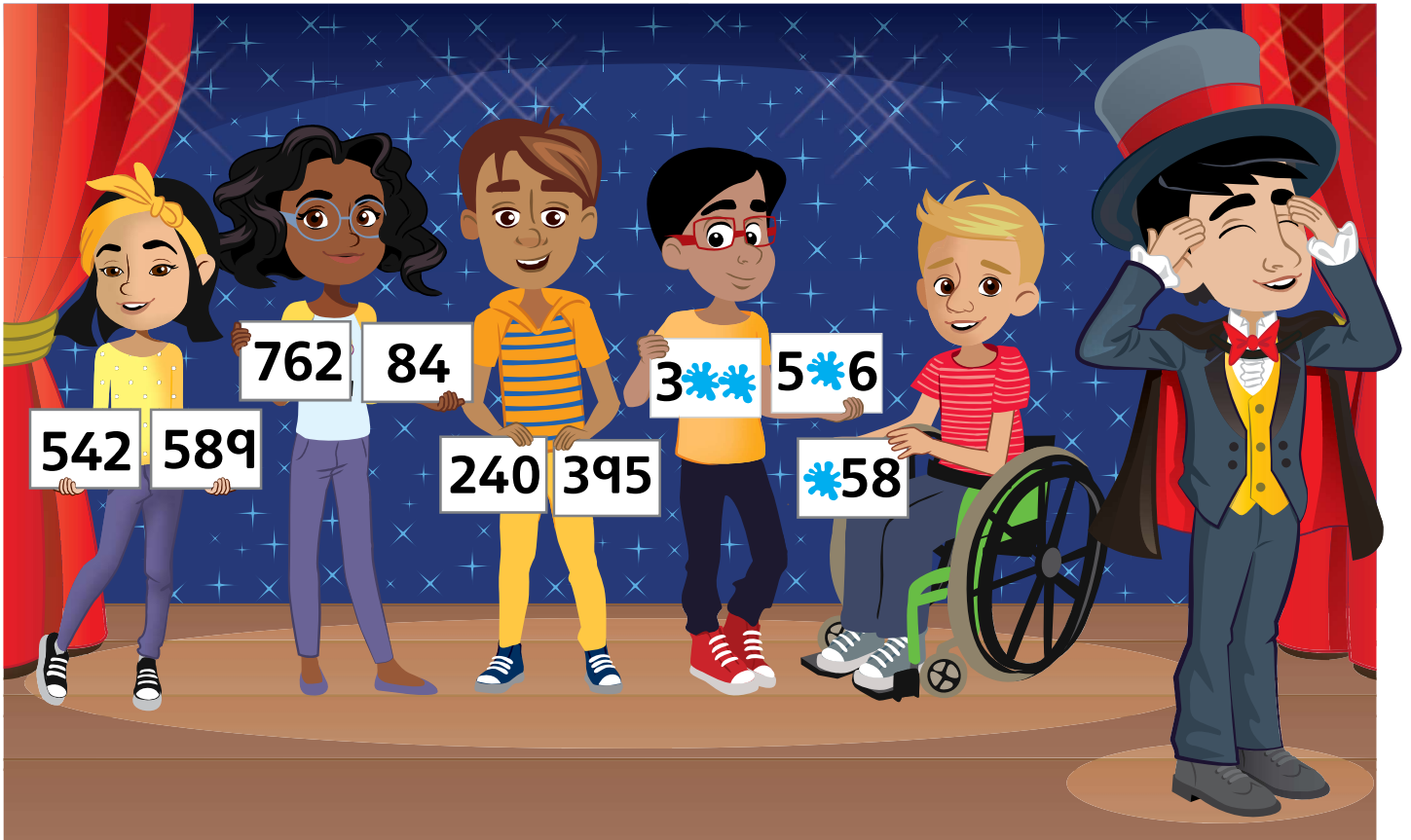


Comparing numbers to 1,000 2

Discover



1 a) In each number pair shown below, which is the smaller number?

542 589

240 395

b) What could the number 3*** be?

395 < 3***

Share

I put each number into a place value grid. I then compared the 100s. They were the same, so I compared the 10s.



a)

H	T	O
5	4	2

H	T	O
5	8	9

H	T	O
5	4	2

H	T	O
5	8	9

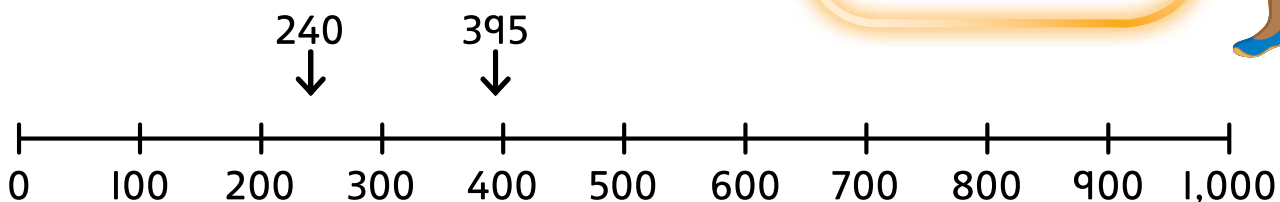
542 has 4 tens. 589 has 8 tens.

4 tens is less than 8 tens.

So 542 is less than 589, or $542 < 589$.

542 is the smaller number.

240 has fewer 100s than 395
so 240 is the smaller number.



b) $395 < 3***$.

The 100s are the same.

We now compare the 10s. There must be 9 tens, or 395 would be greater than $3***$.

We now compare the 1s. There must be more than 5 ones.

The number could be 396, 397, 398 or 399.

I used a number line to compare the numbers.



Think together

1

542 395 762 589 84 240

- a) Which numbers are smaller than 490?
- b) Which numbers are greater than 580?

2 Complete the sentences using $<$, $>$ or $=$

a)

H	T	O
9	4	8

H	T	O
8	2	0

b)

H	T	O
3	8	5

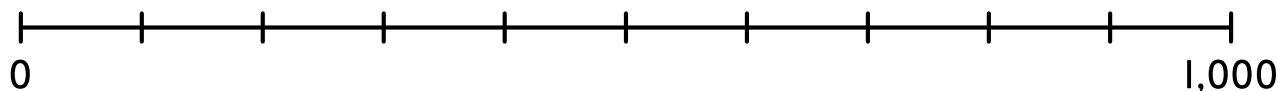
H	T	O
3	6	8

c) 600 950

H	T	O

H	T	O

3 Use the number line to compare these numbers.



a) 749 826

c) 580 68

b) 286 243

d) 300 307



4 Work out the missing digits.

a)



is greater than



b)



<



c)



<



I have found more than one answer for each one.



I wonder what the greatest digit is that can replace * in *58.