

Comparing numbers to 1,000 digit-by-digit

CURRICULUM ALIGNMENT

NUM.PVT.3 explore equivalent numerical expressions of numbers using the base ten system.

INTERACTIVES Place Value Blocks (Dienes) · challenge, display Drag Sort · challenge

WHAT THIS LESSON TEACHES

To compare two numbers to 1000, look at the hundreds digits first, then tens, then units to see which is bigger or smaller.

→ 517 and 519: hundreds and tens match, so the units decide. 519 is bigger.

→ 280 and 28: 28 has no hundreds, so 280 is bigger.

MODEL THIS ON THE BOARD

COMPARE 360 AND 340

- 1 Write the numbers: **360** and **340**.
- 2 Hundreds digits are the same (both 3).
- 3 Look at tens: 6 is more than 4, so 360 is bigger.

DISCUSSION STARTER

REFLECT When two numbers look alike, which column do you check first to decide which is bigger?

ANSWER KEY

c) 600

Q1: 163

Q2: $507 < 570$

Q3: $321 > 289$

Q4: $948 < 984$

Spot: Start with the hundreds. Hundreds match ($3 = 3$), then tens: $6 < 7$, so 372 is bigger than 366.

EXTENSION SHEET · STRETCH ANSWERS

S1: $586 > 568$

S2: 394. The tens told us: 9 tens is more than 4 tens.

S3: $754 > 751$

S4: 907. 97 has no hundreds, so 907 is bigger.

S5: $860 > 806$