Unit 7 · Comparing Two-Digit Numbers Cheat Sheet

Unit 7 focus: comparing two-digit numbers by tens and ones

1 BIG IDEA

To compare, look at the tens first. If the tens are the same, compare the ones.

2 IMPORTANT VOCABULARY

compare	Decide which number is greater, less, or if they are equal.	Compare 38 and 41
greater than	More than. The symbol is >.	52 > 25
less than	Fewer than. The symbol is <.	25 < 52
greatest	The largest of three or more numbers.	In 12, 31, 27, the greatest is 31

3 HOW IT WORKS

Which is greater, 46 or 64?

Example: 46 and 64
Tens: 4 and 6
6 tens is more

Answer: 64

4 VISUAL MODEL

Number	Tens	Ones
46	4	6
64	6	4

64 has more tens, so 64 is greater.

5 ★ REMEMBER THIS · WATCH OUT!

★ Remember this

- More tens means a greater number.
- Same tens? The number with more ones is greater.

⚠ Watch out!

- **29 > 41 because 9 > 1:** compare tens first
- **Swapped digits are different:** 35 and 53 are not equal

6 TRY IT!

1. Greater: 73 or 37?
   Answer: 73
2. Less: 58 or 52?
   Answer: 52

Answers are printed upside down. Turn the page to check!

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More practice: using >, = and < and reasoning about comparisons

1 BIG IDEA

Write a comparison with >, <, or =. The open side of the symbol faces the greater number.

2 IMPORTANT VOCABULARY

greater than	More than. The symbol is >.	52 > 25
less than	Fewer than. The symbol is <.	25 < 52
equal to	The same amount. The symbol is =.	40 = 4 tens
least	The smallest of three or more numbers.	In 12, 31, 27, the least is 12

3 HOW IT WORKS

Write >, <, or =: 38 ___ 41

Example: 38 ___ 41
Tens: 3 < 4
So 38 < 41
Answer: <

4 VISUAL MODEL

> greater than: 52 > 25

< less than: 25 < 52

= equal to: 30 = 3 tens

5 ★ REMEMBER THIS · WATCH OUT!

★ Remember this

- Read from left to right: 38 < 41 is “38 is less than 41.”
- Check on a number line: greater numbers are to the right.

⚠ Watch out!

- **Pointing the symbol the wrong way:** the open side faces the greater number
- **Using = for close numbers:** = only when exactly the same

6 TRY IT!

1. 67 ___ 76
   Answer: >
2. 90 ___ 9 tens
   Answer: =

Answers are printed upside down. Turn the page to check!