# Grade 2 Math Cheat Sheet

## Read three-digit numbers

| | |
|---|---|
| 2 hundreds | **200** |
| 4 tens and 3 ones | **40 + 3** |
| I write the whole number | **243 = 200 + 40 + 3** |

When I compare 243 and 324, I check the hundreds first.

| Hundreds | Tens | Ones |
|---|---|---|
| 2 | 4 | 3 |

## Trade ten ones when adding

| | |
|---|---|
| I add the ones | **7 + 6 = 13** |
| I trade 10 ones | **13 ones = 1 ten + 3 ones** |
| I add the tens, including the new one | **4 + 2 + 1 = 7 tens** |

I have 7 tens and 3 ones, so 47 + 26 = 73.

## Trade a ten when subtracting

| | |
|---|---|
| I break up one ten in 52 | **52 = 4 tens + 12 ones** |
| I subtract 8 ones | **12 − 8 = 4 ones** |
| I subtract 1 ten | **4 − 1 = 3 tens** |

I have 3 tens and 4 ones, so 52 − 18 = 34.

## Measure and compare length

| | |
|---|---|
| I line up one end | **Start at 0 cm** |
| Two ribbons measure | **24 cm and 17 cm** |
| I find how much longer | **24 − 17 = 7 cm** |

I line up the zero mark, which may sit inside the end of the ruler.