

Date: _____

Chapter 2 Section C :

Compose, Decompose and Regroup 3-Digit Numbers (2.C.1)

Objective: Compose, decompose and regroup 3-Digit Numbers, using hundreds, tens, and ones.

Composing is putting a number together using its parts.

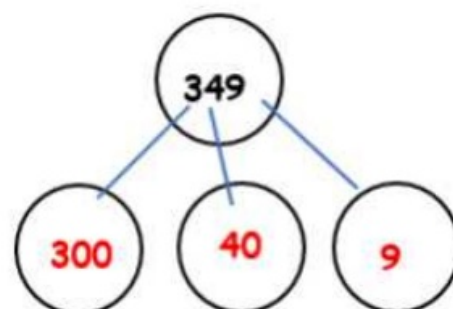
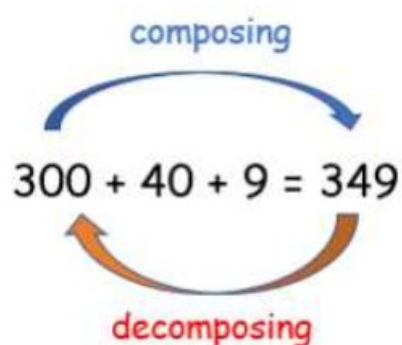
349 is **composed** of 3 hundreds, 4 tens and 9 ones.

In other words:

$$300 + 40 + 9 = 349$$

Decomposing is breaking down the number into its parts.

$$349 = 300 + 40 + 9 \text{ or}$$



Q1. The following statement is **incorrect**. Correct it.

256 is the same as $200 + 5 + 60$.

Q2. Find the numbers.

a) $600 + 2 =$ _____

b) $300 + 50 + 9 =$ _____

c) $500 + 40 =$ _____

d) $400 + 70 + 1 =$ _____

Q3. Fill in the blanks.

$632 = 600 +$ _____ $+$ _____

$632 =$ _____ hundreds $+$ _____ tens $+$ _____ ones

Regrouping is when you put together or break apart ones, tens or hundreds,....etc.

for example:

100 can be regrouped as ten tens

600 can be regrouped as 60 tens

300 can be regrouped as 2 hundreds and 10 tens

710 can be regrouped as 6 hundreds and 11 tens

Q4. Regroup the numbers. Fill in the blanks.

a) 608 = _____ hundreds + _____ tens + _____ ones

b) 174 = _____ hundreds + _____ tens + _____ ones

c) 223 = _____ hundreds + _____ tens + _____ ones

d) 790 = _____ tens + _____ ones

e) 790 = _____ hundreds + _____ ones

f) 305 = _____ hundreds + 5 tens + _____ ones

g) 409 = _____ hundreds + 10 tens + 9 ones

h) 409 = 2 hundreds + _____ tens + 9 ones

Q5. Regroup the number **575** in 5 different ways using the **place value chart**.

Hundreds	Tens	Ones

Q6. **Compose** the following numbers:

a) 400, 300, 99 _____

b) 300, 220, 50 _____

c) 500, 8 _____

Remember:

Compose → put together

Decompose → break apart

Q7. **Decompose** the following numbers:

a) **234**: _____ hundreds, _____ tens, _____ ones

b) **501**: _____ hundreds, _____ tens, _____ ones

Q8. **Regroup** the following numbers:

a) **567** = _____ hundreds, 4 tens and _____ ones

b) **333** = _____ tens and 3 ones

c) **921** = 9 hundreds and _____ ones

Q9. Fill in the blanks.

a) 1 hundred = _____ tens

b) 1 ten = _____ ones

c) If 2 ones = 2, then 4 ones = _____

d) If 11 ones = 11, then 66 ones = _____

e) 234 ones = _____

f) If 5 tens = 50, then 3 tens = _____

g) If 20 tens = 200, then 90 tens = _____

h) 26 tens = _____

i) 88 tens = _____

j) $600 + 20 + 5 =$ _____

k) $400 + 30 + 14 =$ _____

l) $555 = 500 +$ _____ $+ 5$

m) $190 =$ _____ $+ 90$

Q10. **Regroup** the numbers and fill in the blanks.

a) 345 = _____ hundreds, 4 tens and _____ ones

b) 891 = 8 hundreds and _____ ones

c) 703 = 6 hundreds and _____ tens and 3 ones

d) 467 = _____ hundreds and 3 tens and _____ ones

e) 990 = _____ hundreds and _____ ones

f) 688 = _____ tens and 188 ones

g) 271 = _____ tens and 1 one

h) 369 = 3 hundreds and _____ tens and 19 ones

i) 144 = _____ tens and 4 ones

j) 832 = _____ hundreds and _____ tens and 22 ones

k) 529 = 1 hundred and 40 tens and _____ ones

l) 681 = 3 hundreds and _____ tens and 51 ones

Q11. Fill in the blanks with the missing numbers.

a) $594 = 500 + \underline{\hspace{2cm}} + 4$

b) $107 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + 7$

c) $285 = \underline{\hspace{2cm}} + 80 + \underline{\hspace{2cm}}$

d) $312 = 300 + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$

e) $630 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + 0$

Q12. What is 5 hundreds and 5 ones in **numerals/figures**?

Q13. What is 5 hundreds and 4 tens in **numerals/figures**?

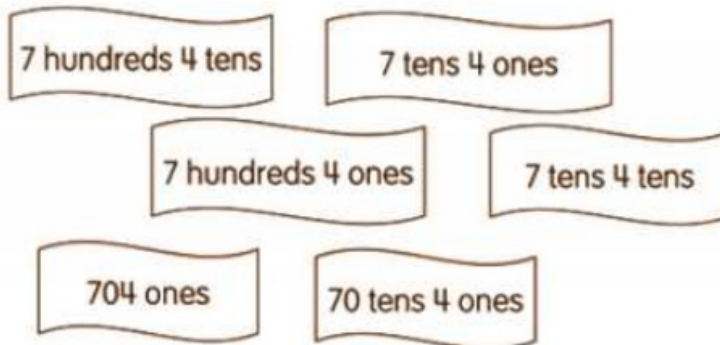
Q14. What is 4 hundreds and 25 tens in **numerals/figures**?

Q15. What is 36 tens and 7 ones in **numerals/figures**?

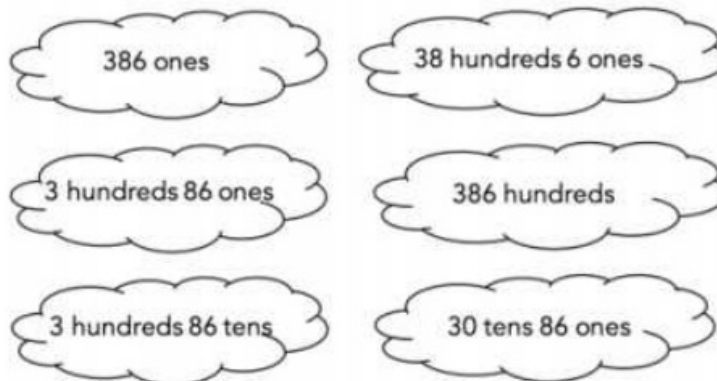
Q16. How can we express each number?

Shade the correct ways.

a. 704



b. 386



c) Circle the correct answers.

I can regroup **321** as:

- 3 hundreds + 3 tens + 1 one
- 3 hundreds + 12 tens + 1 one
- 3 hundreds + 1 tens + 11 ones
- 2 hundreds + 10 tens + 21 ones

d) Circle the correct answers.

I can regroup **514** as:

- 5 hundreds + 14 ones
- 5 hundreds + 14 tens + 0 ones
- 4 hundreds + 20 tens + 4 ones
- 51 tens + 4 ones