

Number & Place Value

A fun and colourful worksheet pack

NUMBER BUILDER S

Read • Write • Compare •
Understand

100

200

300

...

Skills in this pack

- Read and write numbers to 1,000
- Hundreds, tens and ones
- Expanded and standard form
- Compare and order numbers
- Place value reasoning
- Number patterns and problem solving

Name: _____ Date: _____

1. Meet the Hundreds, Tens & Ones

Remember: 3 hundreds = 300, 4 tens = 40, 7 ones = 7.

Name: _____ Date: _____

Number	Hundreds	Tens	Ones
247	___	___	___
503	___	___	___
681	___	___	___
390	___	___	___
715	___	___	___
864	___	___	___
129	___	___	___
940	___	___	___

Challenge: Which number has 6 hundreds, 2 tens and 5 ones? _____

2. What Is the Value of the Digit?

Look carefully at the position of the digit.

Name: _____ Date: _____

Number	Digit	Value of the digit
462	4	_____
735	3	_____
581	8	_____
904	9	_____
267	6	_____
319	1	_____
850	5	_____
704	7	_____

Think: In 468, the digit 6 has a value of _____. In 608, the digit 6 has a value of _____.

3. Build the Number

Use hundreds, tens and ones to write the standard number.

Name: _____ Date: _____

Hundreds	Tens	Ones	Number
3	5	2	_____
6	0	4	_____
8	7	1	_____
4	2	9	_____
9	1	0	_____
2	8	6	_____
5	0	7	_____
7	3	5	_____

Now build these:

a) 4 hundreds + 6 tens + 3 ones = _____

b) 7 hundreds + 0 tens + 8 ones = _____

c) 2 hundreds + 9 tens + 5 ones = _____

4. Standard Form ↔ Expanded Form

Expanded form shows the value of each digit.

Name: _____ Date: _____

Standard form	Expanded form
326	_____ + _____ + _____
704	_____ + _____ + _____
581	_____ + _____ + _____
940	_____ + _____ + _____
217	_____ + _____ + _____
865	_____ + _____ + _____
409	_____ + _____ + _____
753	_____ + _____ + _____

Write the standard number:

a) $500 + 20 + 6 =$ _____

b) $800 + 0 + 4 =$ _____

c) $300 + 70 + 9 =$ _____

d) $600 + 10 + 2 =$ _____

5. Compare the Numbers

Use <, > or = to make each statement true.

Name: _____ Date: _____

Number	Symbol	Number
348	_____	384
605	_____	650
721	_____	712
499	_____	499
270	_____	207
908	_____	890
536	_____	563
100	_____	99
675	_____	675
431	_____	413

Explain one: I know that _____ is greater than _____ because _____.

6. Order & Number Patterns

Read the numbers carefully before you order them.

Name: _____ Date: _____

A. Put each group in ascending order (smallest to greatest).

245, 198, 302, 217 → _____

560, 506, 650, 605 → _____

731, 713, 371, 317 → _____

420, 402, 240, 204 → _____

B. Complete the patterns.

125, 135, 145, _____, _____, _____

300, 400, 500, _____, _____, _____

780, 770, 760, _____, _____, _____

42, 52, 62, _____, _____, _____

7. Mystery Numbers

Use the clues to find each mystery number. Show your thinking.

Name: _____ Date: _____

1. I have 5 hundreds. My tens digit is 2 and my ones digit is 7. Who am I? Answer: _____

2. I am greater than 430 but less than 440. My ones digit is 6. Who am I? Answer: _____

3. I have 8 hundreds and 4 ones. My tens digit is 0. Who am I? Answer: _____

4. My hundreds digit is 3. My tens digit is 7. I am an odd number. Give one possible answer. Answer: _____

5. I am between 690 and 700. My tens digit is 9 and my ones digit is 4. Who am I? Answer: _____

6. I have the same number of hundreds and ones. I have 2 tens. Give one possible answer. Answer: _____

8. Number Detective

Solve each problem using your place-value skills.

Name: _____ Date: _____

1. A library has 462 books. What is the value of the digit 4?

Answer: _____

2. Mia writes $300 + 40 + 8$. What number did she make?

Answer: _____

3. A number has 7 hundreds, 5 tens and 2 ones. Write the number and its expanded form.

Answer: _____

4. Ben says 508 is greater than 580. Is he correct? Explain why or why not.

Answer: _____

5. A teacher writes 699, 700, 701, _____, _____. What comes next?

Answer: _____

6. A shop labels three boxes 325, 352 and 235. Put them in order from smallest to greatest.

Answer: _____

9. Super Challenge!

Try these without rushing. Some questions can have more than one answer.

Name: _____ Date: _____

1. Use the digits 2, 5 and 8 to make the greatest 3-digit number: _____
2. Use the same digits to make the smallest 3-digit number: _____
3. Make a number between 500 and 600 using 4, 6 and 9. One answer: _____
4. What number is 10 more than 489? _____
5. What number is 100 less than 735? _____
6. What is the value of the digit 7 in 572? _____
7. Write a 3-digit number with 6 hundreds and 0 tens. _____
8. Find two different numbers that have the same value of the hundreds digit: _____ and _____

MY CONFIDENCE CHECK

I can read and write 3-digit numbers. ☐ Yes ☐ Almost ☐ I need more practice

I understand hundreds, tens and ones. ☐ Yes ☐ Almost ☐ I need more practice

I can compare and order numbers. ☐ Yes ☐ Almost ☐ I need more practice

Teacher Answer Key

Suggested answers for quick checking.

1. Hundreds, Tens & Ones

247 → 2,4,7; 503 → 5,0,3; 681 → 6,8,1; 390 → 3,9,0; 715 → 7,1,5; 864 → 8,6,4; 129 → 1,2,9; 940 → 9,4,0. Challenge: 625.

2. Value of the Digit

462: 400; 735: 30; 581: 80; 904: 900; 267: 60; 319: 10; 850: 50; 704: 700. Think: 468 → 60; 608 → 600.

3. Build the Number

352, 604, 871, 429, 910, 286, 507, 735. Extra: 463; 708; 295.

4. Standard ↔ Expanded

326=300+20+6; 704=700+0+4; 581=500+80+1; 940=900+40+0;
217=200+10+7; 865=800+60+5; 409=400+0+9; 753=700+50+3. Standard numbers: 526; 804; 379; 612.

5. Compare

348<384; 605<650; 721>712; 499=499; 270>207; 908>890; 536<563; 100>99; 675=675; 431>413.

6. Order & Patterns

A: 198,217,245,302; 506,560,605,650; 317,371,713,731; 204,240,402,420. B: 155,165,175; 600,700,800; 750,740,730; 72,82,92.

7. Mystery Numbers

527; 436; 804; any odd number in the 370s (e.g. 371); 694; any number of the form 2?2 with 2 tens (e.g. 202,212,222...).

8. Number Detective

1) 400. 2) 348. 3) 752; $700+50+2$. 4) No; 580 is greater because it has 8 tens while 508 has 0 tens. 5) 702, 703. 6) 235, 325, 352.

9. Super Challenge

1) 852. 2) 258. 3) Answers vary; e.g. 564. 4) 499. 5) 635. 6) 70. 7) Any 3-digit number with 6 hundreds and 0 tens, e.g. 603. 8) Answers vary.