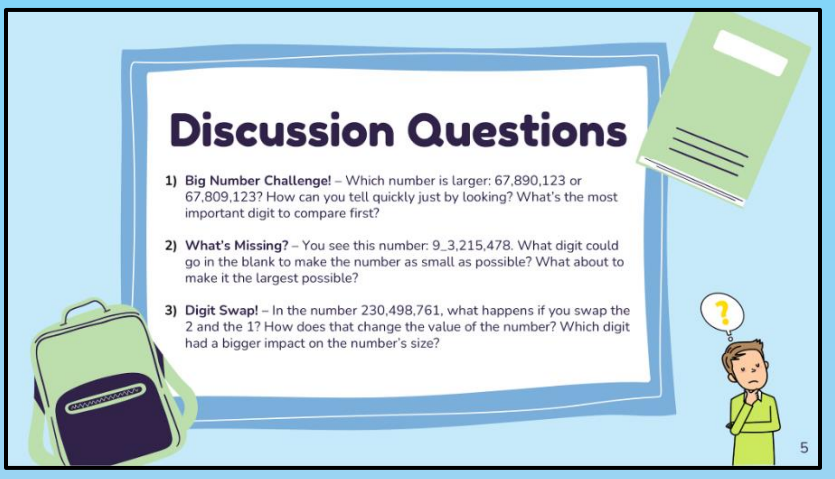
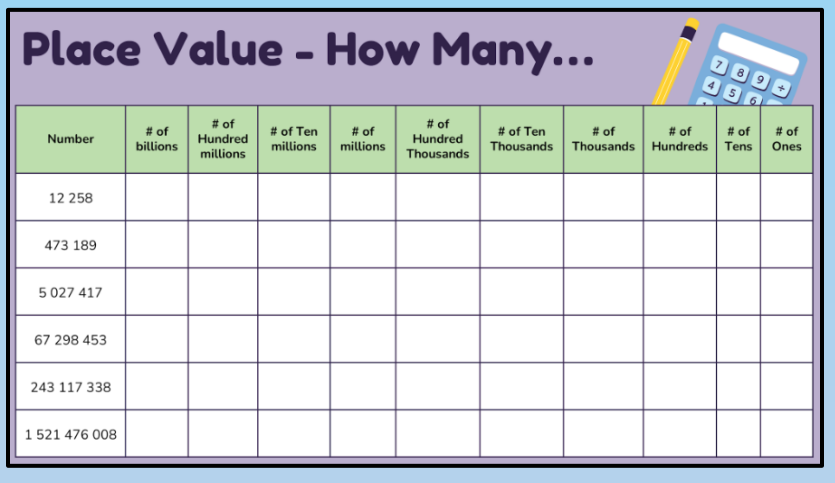
Ontario Math Number Unit – Grade 7

3-Part Lesson Format

Part 1 – Minds On!

- Learning Goals
- Discussion Questions
- Why Math is Important
- And More!





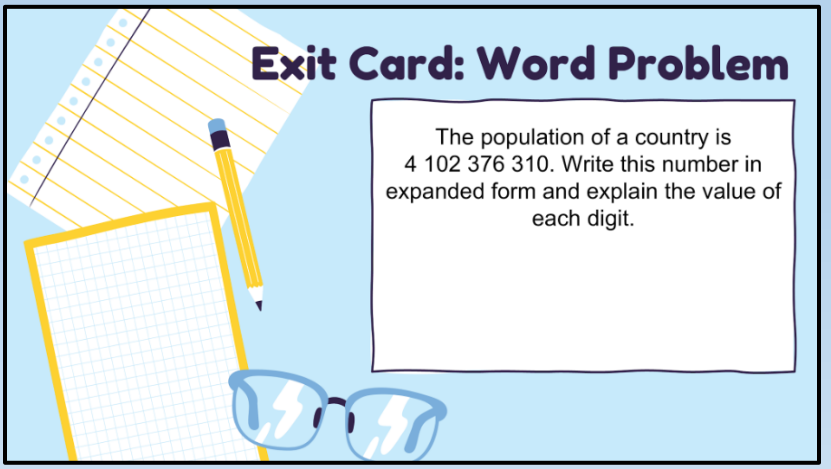
Number	# of billions	# of Hundred millions	# of Ten millions	# of millions	# of Hundred Thousands	# of Ten Thousands	# of Thousands	# of Hundreds	# of Tens	# of Ones
12 258										
473 189										
5 027 417										
67 298 453										
243 117 338										
1 521 476 008										

Part 2 – Action!

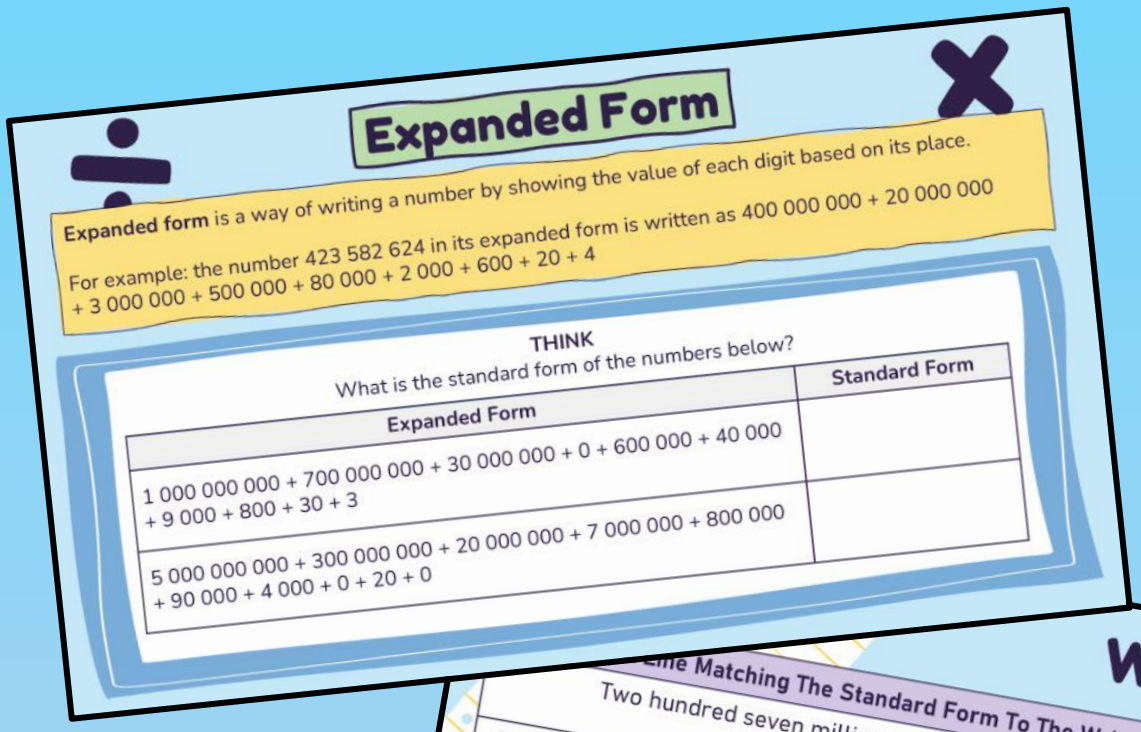
- Questions
- Matching
- Drag and Drop
- Videos
- And More!

Part 3 – Consolidation!

- Exit Cards
- Word Problems
- Quizzes
- Student Created Quizzes



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Expanded Form

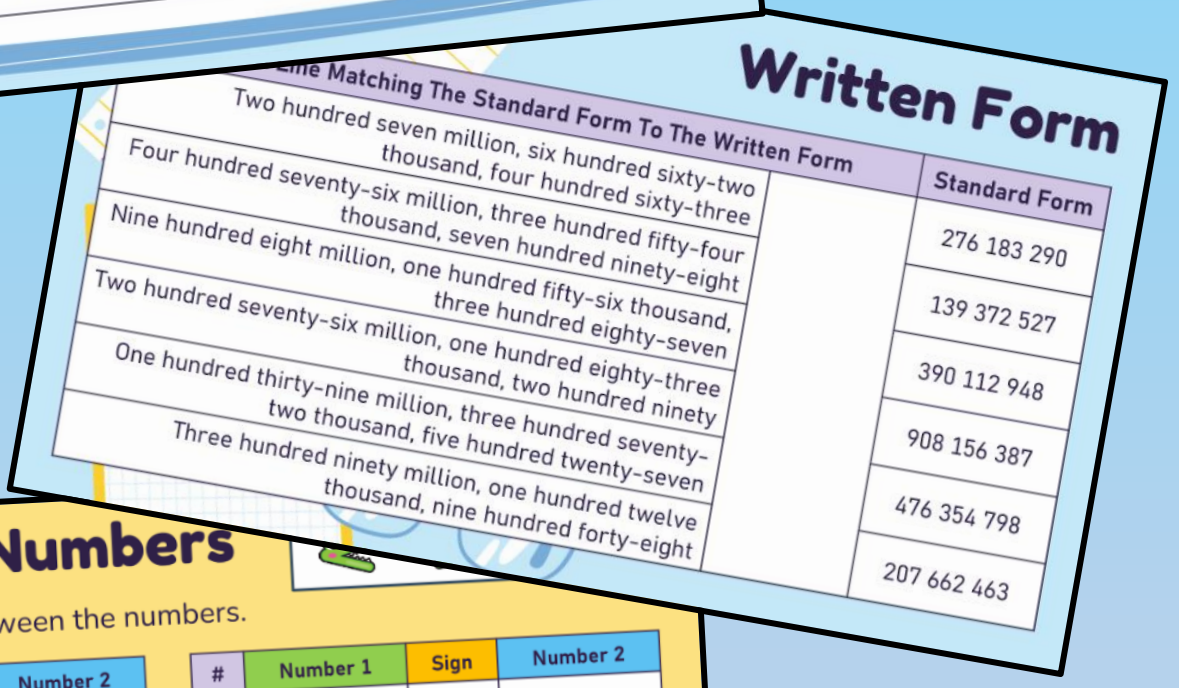
Expanded form is a way of writing a number by showing the value of each digit based on its place.

For example: the number 423 582 624 in its expanded form is written as 400 000 000 + 20 000 000 + 3 000 000 + 500 000 + 80 000 + 2 000 + 600 + 20 + 4

THINK

What is the standard form of the numbers below?

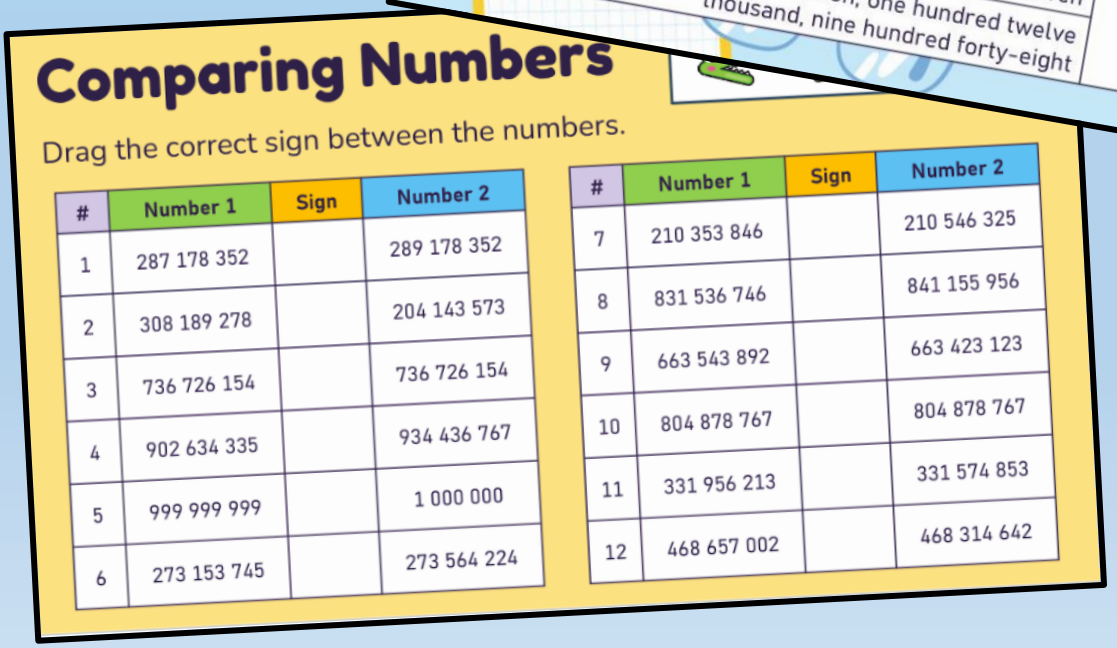
Expanded Form	Standard Form
1 000 000 000 + 700 000 000 + 30 000 000 + 0 + 600 000 + 40 000 + 9 000 + 800 + 30 + 3	
5 000 000 000 + 300 000 000 + 20 000 000 + 7 000 000 + 800 000 + 90 000 + 4 000 + 0 + 20 + 0	



Written Form

Matching The Standard Form To The Written Form

	Standard Form
Two hundred seven million, six hundred sixty-two thousand, four hundred sixty-three	276 183 290
Four hundred seventy-six million, three hundred fifty-four thousand, seven hundred ninety-eight	139 372 527
Nine hundred eight million, one hundred fifty-six thousand, three hundred eighty-seven	390 112 948
Two hundred seventy-six million, one hundred eighty-three thousand, two hundred ninety	908 156 387
One hundred thirty-nine million, three hundred seventy-two thousand, five hundred twenty-seven	476 354 798
Three hundred ninety million, one hundred twelve thousand, nine hundred forty-eight	207 662 463



Comparing Numbers

Drag the correct sign between the numbers.

#	Number 1	Sign	Number 2
1	287 178 352		289 178 352
2	308 189 278		204 143 573
3	736 726 154		736 726 154
4	902 634 335		934 436 767
5	999 999 999		1 000 000
6	273 153 745		273 564 224

#	Number 1	Sign	Number 2
7	210 353 846		210 546 325
8	831 536 746		841 155 956
9	663 543 892		663 423 123
10	804 878 767		804 878 767
11	331 956 213		331 574 853
12	468 657 002		468 314 642

SUPER Simple SHEETS

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