Practice Grade 5

Lesson 1

1. Model each number on a place value chart. Then write each number in standard form.
   a) two hundred fifteen thousand seventy
   b) seven hundred fifty-four thousand three hundred twenty-six
   c) one hundred thirty-three thousand five hundred

Lesson 2

2. Shannon wrote three numbers in expanded form.

   500 000 + 80 000 + 700 + 6
   500 000 + 80 000 + 1000
   500 000 + 70 000 + 200 + 90 + 9

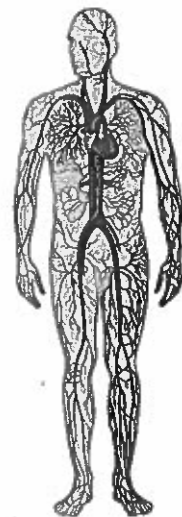   Write these numbers in standard form. Then arrange them in order from least to greatest.

3. Rebecca researched the attendance for some women's basketball games.
   a) Arrange the attendance figures in order from least to greatest. Explain your strategy.
   b) The attendance in week 7 was between the attendance in week 3 and week 5, but it was closer to the attendance in week 3. Could it have been 121 000? How do you know?

| WNBA Attendance | |
Week	Total attendance
1	160 279
2	89 631
3	116 981
4	111 304
5	123 126
6	125 202

Lesson 4

4. In one week, the blood in an average human travels 675 780 km on its journey through the body.
   a) Model this distance on a place value chart.
   b) Write this distance in words.
   c) Write this distance in standard form rounded to the nearest hundred thousand, ten thousand, and thousand.

Place value chart:

Thousands			Ones		
Hund	Tens	Ones	Hun.	Tens	Ones

Practice Test Grade 5

Lesson 1

1. Model each number on a place value chart. Then write each number in standard form.
   a) two hundred fifteen thousand seventy   215 070
   b) seven hundred fifty-four thousand three hundred twenty-six   754 326
   c) one hundred thirty-three thousand five hundred   133 500

Lesson 2

2. Shannon wrote three numbers in expanded form.

570 299, 580 706, 581 000

500 000 + 80 000 + 700 + 6   580 706
500 000 + 80 000 + 1000   581 000
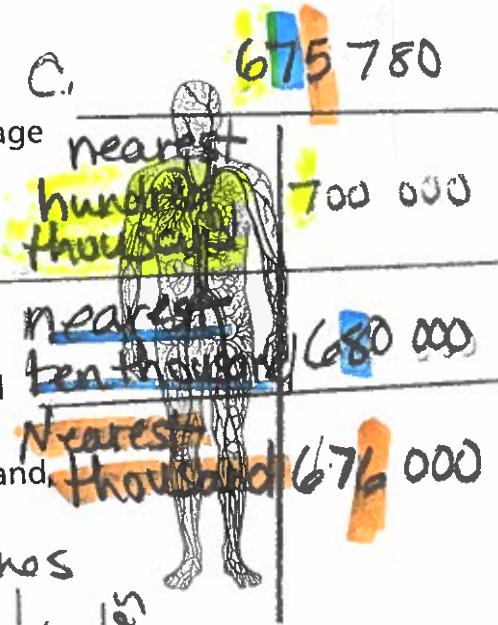500 000 + 70 000 + 200 + 90 + 9   570 299

Write these numbers in standard form. Then arrange them in order from least to greatest.

3. Rebecca researched the attendance for some women's basketball games.
   a) Arrange the attendance figures in order from least to greatest. Explain your strategy.
   b) The attendance in week 7 was between the attendance in week 3 and week 5, but it was closer to the attendance in week 3. Could it have been 121 000? How do you know?

WNBA Attendance

Week	Total attendance	
1	160 279 ✓	6
2	89 631 ✓	1
3	116 981 ✓	3
4	111 304 ✓	2
5	123 126 ✓	4
6	125 202 ✓	5

3.a)

89 631, 111 304, 116 981,
123 126, 125 202, 160 279

b) no - because the range is
116 981 — 123 126

↖ closer to week 3 rounds to 120 000 at the most

Lesson 4

4. In one week, the blood in an average human travels 675 780 km on its journey through the body.
   a) Model this distance on a place value chart.
   b) Write this distance in words.
   c) Write this distance in standard form rounded to the nearest hundred thousand, ten thousand, and thousand.

c. 675 780

nearest hundred thousand   700 000

nearest ten thousand   680 000

Nearest thousand   676 000

4. Place value chart:

Thousands			Ones		
Hund	Tens	Ones	Hund.	Tens	Ones

a) dots shown in chart

b) six hundred seventy-five thousands seven hundred eighty

600 000 + 70 000 + 5 000 + 700 + 80

1. I have 6 thousands + 2 hundreds+ 6 tens+ 3 ones. What number am I? _____

2. I have 8 thousands + 11 hundreds+ 6 tens+ 17 ones. What number am I? _____
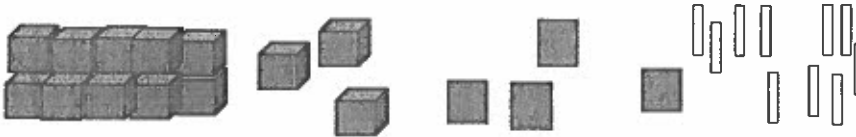
3. What number is 100 000 + 2 000 + 80 + 6? _____

4. Write this number in expanded form (ex 100+40+5) thirteen thousand four hundred fifty-one

    _____

5. Write the standard form of this number in words: 50 000 + 1 000 + 600 + 4

    _____

6. Create this number using base ten blocks: 2 117

7. Write this number in standard form, word form and expanded form:

    Standard form: _____
    Expanded from: _____
    Word form: _____

8. Write this number in standard form, word from and expanded form:

    Standard form: _____

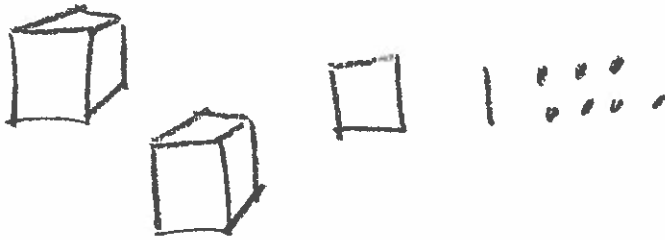1. I have 6 thousands + 2 hundreds+ 6 tens+ 3 ones. What number am I? __6 263__

2. I have 8 thousands + 11 hundreds+ 6 tens+ 17 ones. What number am I? __9177__

3. What number is 100 000 + 2 000 + 80 + 6? __102 086__

$\overline{5}$

4. Write this number in expanded form (ex 100+40+5) thirteen thousand four hundred fifty-one

    __10 000 + 3000 + 400 +50 +1__

5. Write the standard form of this number in words: 50 000 + 1 000 + 600 + 4   __5 1 604__

__fifty one thousand six hundred four__

6. Create this number using base ten blocks: 2 117
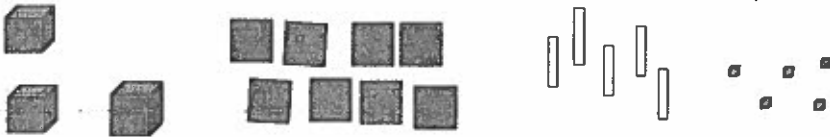

$\overline{5}$

7. Write this number in standard form, word form and expanded form:

    Standard form: __13 500__
    Expanded from: __10 000 + 3000 + 500__
    Word form: __thirteen thousand five hundred__

8. Write this number in standard form, word from and expanded form:

    Standard form: __3 855__

$\overline{10}$

Expanded form: _____

Word form: _____

9. Organize these numbers from least to greatest: 14 677, 14 776, 10 324, 14 667
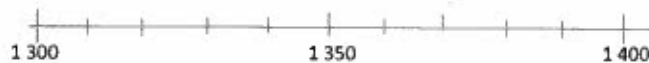
_____, _____, _____, _____

10. Use inequity symbols to compare numbers ≥ ≤ = (greater than, lesser than and equal to):

a) 10 +15 ☐ 25   b) 10 560 ☐ 9 377   c) 3 000 + 500 + 40 +1 ☐ 3 970

11. Place each number on the number line then order from least to greatest:
    a) 1 361, 1 320, 1 399, 1 350

1 300   1 350   1 400

_____

b) 10 642, 10 625, 10 699, 10 610

10 600   10 650   10 700

_____

12. How many $100 bills would you need to pay for each:

| $7 000 | $4 500 | $8 700 |

a) _____   b) _____   c) _____

13. How many $10 bills would you need to pay for each:

| $6 000 | $1 100 | $1 320 |

a) _____   b) _____   c) _____

6 X 1= ____   11 X 1 = ____   132 X 1 = ____

6 X 10= ____   11 X 1 tens = ____   132 X 1 tens = _____

60 X 10 tens = ____tens   _____   _____

Expanded form: $3000 + 800 + 50 + 5$

Word form: three thousand eight hundred fifty five

2

9. Organize these numbers from least to greatest: 14 677, 14 776, 10 324, 14 667

10 324 , 14 667 , 14 677 , 14 766

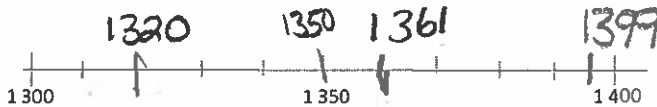10. Use inequity symbols to compare numbers ≥ ≤ = (greater than, lesser than and equal to):

a) 10 +15 ☐ 25   b) 10 560 ☐ 9 377   c) 3 000 + 500 + 40 +1 ◁ 3 970

25 = 25   >   3 541

11. Place each number on the number line then order from least to greatest:
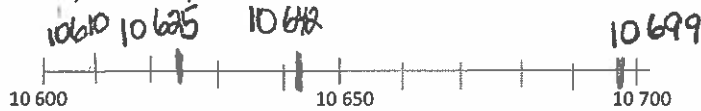
a) 1 361, 1 320, 1 399, 1 350

1 320, 1 350, 1 361, 1 399

b) 10 642, 10 625, 10 699, 10 610

10 610   10 625   10 642   10 699

12. How many $100 bills would you need to pay for each:

$7 × 1 = 7$
$7 × 10 = 70$
$7 × 100 = 700$
tens × 100 = 700 tens

| $7 000 | $4 500 | $8 700 |

a) 70   b) 45   c) 87

13. How many $10 bills would you need to pay for each:

| $6 000 | $1 100 | $1 320 |

a) 600   b) 110   c) 132

$60 × 100 = 6000$

6 X 1= 6   11 X 1 = 11   132 X 1 = 132

6 X 10= 60   11 X 1 tens = 11 tens   132 X 1 tens = 132 tens

60 X 10 tens = 600 tens   110   1320.

(600 tens) = 6000