MATHS HOMEWORK

WEEK 3: COMPARING NUMBERS & NUMBER SEQUENCES

Learning Target: I can compare 6-digit numbers and continue number sequences.

PART 1: COMPARING 6-DIGIT NUMBERS

RULES: To compare numbers, look at the digits from left to right. The number with the larger digit in the first different place is greater.

SYMBOLS:
- `>` means greater than
- `<` means less than
- `=` means equal to

A. Compare the numbers using `>` , `<` or `=`.

1. 245,781 ☐ 214,578
2. 683,920 ☐ 684,029
3. 456,302 ☐ 456,230
4. 999,999 ☐ 999,990
5. 375,600 ☐ 375,060
6. 812,450 ☐ 812,405
7. 123,456 ☐ 234,567
8. 600,035 ☐ 599,999
9. 720,100 ☐ 720,010
10. 908,765 ☐ 908,765

B. Order the numbers from least to greatest.

1. 514,203 145,320 415,302

☐ < ☐ < ☐

2. 836,201 836,120 836,210

☐ < ☐ < ☐

PART 2: NUMBER SEQUENCES

RULES: A number sequence is a list of numbers that follow a pattern. Work out the pattern, then continue the sequence.

A. Continue each sequence.

1. 125,432 125,433 125,434 125,435 ☐ ☐
2. 380,000 381,000 382,000 383,000 ☐ ☐
3. 765,210 765,310 765,410 765,510 ☐ ☐
4. 250,000 275,000 300,000 325,000 ☐ ☐
5. 999,995 999,996 999,997 999,998 ☐ ☐
6. 120,000 110,000 100,000 90,000 ☐ ☐
7. 246,810 247,010 247,210 247,410 ☐ ☐
8. 600,050 600,150 600,250 600,350 ☐ ☐

B. Find the missing numbers in each sequence.

1. 234,567 234,568 ☐ ☐ 234,571 234,572
2. 450,000 460,000 ☐ ☐ 490,000 500,000
3. 123,000 ☐ 125,000 126,000 ☐ 128,000
4. 999,980 999,985 ☐ 999,995 ☐ 1,000,005
5. 300,300 ☐ 300,500 300,600 ☐ 300,800
6. 700,000 680,000 ☐ ☐ 620,000 600,000

C. Which number comes next?

1. 678,901 678,902 678,903 678,904 ☐
   a) 678,905 b) 678,914 c) 678,913
2. 555,000 560,000 565,000 570,000 ☐
   a) 575,000 b) 580,000 c) 580,500
3. 210,210 210,410 210,610 210,810 ☐
   a) 210,910 b) 211,010 c) 211,110

D. Real World Challenge

A bookshop sells 247,630 books this year. Last year, it sold 236,789 books.

1. Which year sold more books? _____
2. How many more books were sold this year than last year? _____



REMEMBER! | Look carefully. | Use the symbols `>` `<` `=` correctly. | Check your answers ✓

LIVEWORKSHEETS