

Numbers, Operations and Relationships

Comparing and Ordering Whole Numbers - Memo

1. Arrange the following numbers from biggest to smallest (in descending order):

- | | | | | |
|----|-------------|------------|------------|------------|
| a) | 34 581 369 | 34 575 142 | 34 542 694 | 34 518 328 |
| b) | 12 604 014 | 11 795 123 | 11 604 041 | 11 504 326 |
| c) | 63 978 543 | 52 879 639 | 42 879 639 | 22 879 639 |
| d) | 22 567 784 | 15 949 250 | 6 109 207 | 3 171 49 |
| e) | 52 652 341 | 26 990 974 | 5 214 633 | 3 631 742 |
| f) | 429 547 230 | 18 550 400 | 6 224 400 | 3 628 905 |

2. Arrange the following numbers from smallest to biggest (in ascending order):

- | | | | | |
|----|------------|-------------|-------------|-------------|
| a) | 675 586 | 856 166 | 3 616 620 | 21 860 784 |
| b) | 6 281 629 | 8 171 280 | 17 639 622 | 28 784 630 |
| c) | 901 712 | 2 204 979 | 2 901 124 | 9 711 046 |
| d) | 2 386 679 | 14 283 250 | 14 292 950 | 22 179 468 |
| e) | 3 446 296 | 7 510 576 | 9 617 130 | 13 857 374 |
| f) | 20 497 864 | 200 497 864 | 208 497 864 | 209 497 864 |

3. Fill in the missing numbers:

- | | | | | |
|----|------------------|--------------------|--------------------|-------------------|
| a) | 260 656 110 | 260 656 115 | 260 656 120 | 260 656 125 |
| b) | 273 757 000 | 273 857 000 | 273 957 000 | 274 057 000 |
| c) | 55 789 440 | 56 789 440 | 57 789 440 | 58 789 440 |
| d) | 6 556 400 | 6 566 400 | 6 576 400 | 6 586 400 |
| e) | 1 433 490 | 1 543 490 | 1 653 490 | 1 763 490 |
| f) | 49 897 600 | 49 897 700 | 49 897 800 | 49 897 900 |

4. Say which number is greater than (>), less than (<) or equal to (=) the other number:

- a) 186 081 654 > 122 582 016
- b) 131 252 306 < 141 252 306
- c) 53 320 660 < 533 206 600
- d) 16 416 900 = 16 416 900
- e) 14 706 950 > 9 808 750
- f) 227 933 496 > 227 833 496

5. List the prime numbers between each of the two numbers given below:

- a) 10 and 20 = 11, 13, 17, 19
- b) 90 and 100 = 97
- c) 55 and 75 = 59, 61, 67, 71, 73
- d) 33 and 40 = 37

6. Complete the table below, by rounding each number off according to the instruction:

| Number | Round off to the nearest 5 | Round off to the nearest 10 | Round off to the nearest 100 | Round off to the nearest 1 000 |
|----------------|----------------------------|-----------------------------|------------------------------|--------------------------------|
| a) 167 002 392 | 167 002 390 | 167 002 390 | 167 002 400 | 167 002 000 |
| b) 36 557 235 | 36 557 235 | 36 557 240 | 36 557 200 | 36 557 000 |
| c) 9 483 348 | 9 483 350 | 9 483 350 | 9 483 300 | 9 483 000 |
| d) 358 337 | 358 335 | 358 340 | 358 300 | 358 000 |
| e) 105 576 | 105 575 | 105 580 | 105 600 | 106 000 |
| f) 2 797 536 | 2 797 535 | 2 797 540 | 2 797 500 | 2 798 000 |
| g) 33 374 208 | 33 374 210 | 33 374 210 | 33 374 200 | 33 374 000 |
| h) 47 806 664 | 47 806 665 | 47 806 660 | 47 806 700 | 47 807 000 |
| i) 112 224 | 112 225 | 112 220 | 112 200 | 112 000 |
| j) 1 358 730 | 1 358 730 | 1 358 730 | 1 358 700 | 1 359 000 |