

# Numbers, Operations and Relationships

## Comparing and Ordering Whole Numbers

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

- |    |            |            |            |             |
|----|------------|------------|------------|-------------|
| a) | 34 518 328 | 34 581 369 | 34 542 694 | 34 575 142  |
| b) | 11 604 041 | 12 604 014 | 11 504 326 | 11 795 123  |
| c) | 42 879 639 | 52 879 639 | 22 879 639 | 63 978 543  |
| d) | 22 567 784 | 3 171 498  | 6 109 207  | 15 949 250  |
| e) | 5 214 633  | 52 652 341 | 26 990 974 | 3 631 742   |
| f) | 3 628 905  | 6 224 400  | 18 550 400 | 429 547 230 |

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

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

3. Fill in the missing numbers:

- |    |             |             |             |             |
|----|-------------|-------------|-------------|-------------|
| a) | 260 656 110 | _____       | 260 656 120 | 260 656 125 |
| b) | 273 757 000 | 273 857 000 | _____       | 274 057 000 |
| c) | 55 789 440  | 56 789 440  | 57 789 440  | _____       |
| d) | _____       | 6 566 400   | 6 576 400   | 6 586 400   |
| e) | 1 433 490   | 1 543 490   | 1 653 490   | _____       |
| f) | 49 897 600  | _____       | 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 \_\_\_\_\_ 16416900
- 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
- b) 90 and 100
- c) 55 and 75
- d) 33 and 40

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				
b) 36 557 235				
c) 9 483 348				
d) 358 337				
e) 105 576				
f) 2 797 536				
g) 33 374 208				
h) 47 806 664				
i) 112 224				
j) 1 358 730				