

ROUNDING

6

TARGET To round whole numbers to the required degree of accuracy.

Examples

Rounding to the nearest 10	427 536 → 427 540	(6 > 5, round up)
Rounding to the nearest 100	427 536 → 427 500	(3 < 5, round down)
Rounding to the nearest 1000	427 536 → 428 000	(5 so round up)
Rounding to the nearest 10 000	427 536 → 430 000	(7 > 5, round up)

A

Round the following numbers to the nearest:

10	100	1000	10 000	100 000
1 3276	7 5048	13 3710	19 51 829	25 183 500
2 4853	8 22 290	14 38 265	20 25 060	26 647 039
3 11 308	9 79 917	15 42 537	21 49 512	27 462 746
4 59 762	10 51 884	16 329 641	22 103 700	28 928 907
5 28 195	11 116 452	17 157 490	23 607 188	29 354 158
6 43 417	12 208 735	18 860 823	24 580 936	30 993 600

B

Round to the nearest:

a) 10 b) 1000.

- 1 65 934
- 2 34 207
- 3 181 673
- 4 409 045
- 5 3 730 498
- 6 1 027 521

Round to the nearest:

a) 100 b) 100 000.

- | | |
|------------|--------------|
| 7 336 829 | 13 4 248 038 |
| 8 682 192 | 14 2 727 416 |
| 9 905 360 | 15 6 070 350 |
| 10 561 947 | 16 3 994 083 |
| 11 819 653 | 17 145 710 9 |
| 12 953 270 | 18 9 303 456 |

Round to the nearest:

a) 10 000 b) million.

- 19 2 826 000
- 20 8 591 370
- 21 1 387 294
- 22 7 405 068
- 23 9 940 952
- 24 5 269 107

C

Give the area of each ocean rounded to the nearest:

a) 1 million square kilometres

b) 10 million square kilometres.

- | | |
|------------------|-----------------------------|
| 1 Pacific Ocean | 155 557 000 km ² |
| 2 Atlantic Ocean | 76 762 000 km ² |
| 3 Indian Ocean | 68 556 000 km ² |
| 4 Southern Ocean | 20 327 000 km ² |
| 5 Arctic Ocean | 14 056 000 km ² |

Write the world population for each of the following years rounded to:

a) 10 million b) 100 million.

- | | |
|---------|---------------|
| 6 1960 | 3 038 413 000 |
| 7 1970 | 3 696 186 000 |
| 8 1980 | 4 453 007 000 |
| 9 1990 | 5 306 425 000 |
| 10 2000 | 6 122 770 000 |
| 11 2010 | 6 895 889 000 |