

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Rounding Numbers: \*Solutions

When rounding, the digit to the right of the requested rounding digit will always tell you whether to round up or down and all digits to the left will stay the same.

**Rule 1** Determine what your rounding digit is and look to the right side of it. If the digit is 1,2,3 or 4 do not change the rounding digit. All digits that are on the right hand side of the requested rounding digit will become .

**Rule 2.** Determine what your rounding digit is and look to the right of it. If the digit is 5,6,7, 8 or 9, your rounding digit rounds up by one number. All digits that are on the right hand side of the requested rounding digit will become 0.

Round to the nearest 10 - Examples:  $43 = 40$     $257 = 260$     $1485 = 1490$     $1375 = 1380$

1.) 47 50      2.) 51 50      3.) 65 70      4.) 22 20

5.) 43 40      6.) 99 100      7.) 86 90      8.) 28 30

9.) 77 80      10.) 24 20      11.) 55 60      12.) 21 20

13.) 21 20      14.) 56 60      15.) 94 90      16.) 88 90

17.) 11 10      18.) 16 20      19.) 15 20      20.) 33 30

Round to the nearest 10

1.) 407 410      2.) 451 450      3.) 635 640      4.) 225 230

5.) 432 430      6.) 929 930      7.) 806 810      8.) 328 330

9.) 677 680      10.) 245 250      11.) 551 550      12.) 218 220

13.) 291 290      14.) 556 560      15.) 394 390      16.) 888 890

17.) 111 110      18.) 616 620      19.) 125 130      20.) 336 340

# Solutions

## Rounding Whole Numbers

Name: \_\_\_\_\_

1. Round to the nearest thousand:

1) 14 389      14 000

4) 9 520      10 000

2) 29 610      30 000

5) 56 239      56 000

3) 3 492      3000

6) 89 743      90 000

2. Round to the nearest ten thousand:

1) 24 987      20 000

4) 24 033      20 000

2) 37 096      40 000

5) 295 474      300 000

3) 145 302      150 000

6) 77 330      80 000

3. Round to the nearest ten:

1) 89      90

4) 514      510

2) 2 673      2670

5) 97      100

3) 265      270

6) 2 753      2750

4. Round to the nearest hundred:

1) 847      800

4) 333      300

2) 2 978      3 000

5) 5 496      5 500

3) 5 048      5 000

6) 555      600

5. Round to the nearest hundred thousand:

1) 929 689      900 000

4) 754 300      800 000

2) 103 232      100 000

5) 222 678      200 000

3) 965 123      1 000 000

6) 449 987      400 000

**Rounding Numbers With Decimals**  
**SOLUTIONS**

Name: \_\_\_\_\_

1. Round to the nearest tenth:

1) 12.642      12.6

2) 29.10      29.1

3) 2.492      2.5

4) 3.44      3.4

5) 5.239      5.2

6) 89.43      89.4

2. Round to the nearest hundredth:

1) 23.987      23.99

2) 3.7096      3.71

3) 4.449      4.45

4) 44.043      44.04

5) 999.474      999.47

6) 7.44430      7.44

3. Round to the nearest thousandth:

1) .99989      1.000

2) .2673      .267

3) .3265      .327

4) 66.514      66.514

5) .2297      .230

6) 3.2753      3.275

4. Round to the nearest tenth:

1) 8947      8947.0

2) 3.978      4.0

3) 9.048      9.0

4) 3.33      3.3

5) 54.96      55.0

6) 55.56      55.6

5. Round to the nearest hundredth:

1) 99.689      99.69

2) 13.232      13.23

3) 6.5123      6.51

4) 755.300      755.30

5) 222.678      222.68

6) 499.987      499.99