

All kinds of rounding

Name: _____ Class: _____ Date: _____

Mark / 15 %

1) Round to the nearest 10 [1]

26

2) Round to the nearest 100 [1]

1939

3) Round to the nearest 1000 [1]

9242

4) Round to the nearest unit [1]

72.2

5) Round to the nearest tenth [1]

109.36

6) Round to 1 decimal place [1]

0.424

7) Round to 2 decimal places [1]

0.527

8) Round to three decimal places

[1]

40.2246

9) Round to 1 significant figure

[1]

253

10) Round to 2 significant figures

[1]

2.96

11) Round to 3 significant figures

[1]

60.69

12) Round the numbers in the table.

[1]

| Number | Nearest 10 | Nearest 100 |
|--------|------------|-------------|
| 444 | 440 | |
| 271 | | |
| 515 | | |
| 895 | | |

13) Round the numbers in the table.

[1]

| Number | Nearest unit | Nearest tenth |
|--------|--------------|---------------|
| 3.41 | 3 | |
| 6.49 | | |
| 2.63 | | |
| 5.96 | | |

14) Round the numbers in the table.

[1]

| Number | 1 decimal place | 2 decimal places |
|---------|-----------------|------------------|
| 0.491 | 0.5 | |
| 7.827 | | |
| 0.5414 | | |
| 13.2085 | | |

15) Round the numbers in the table.

[1]

| Number | 1 significant figure | 2 significant figures | 3 significant figures |
|---------|----------------------|-----------------------|-----------------------|
| 2.517 | 3 | | |
| 5151 | | | |
| 296.159 | | | |
| 0.2064 | | | |

Solutions for the assessment All kinds of rounding

1) 30

2) 1900

3) 9000

4) 72

5) 109.4

6) 0.4

7) 0.53

8) 40.225

9) 300

10) 3.0

11) 60.7

12) 444 = 440, 400

271 = 270, 300

515 = 520, 500

895 = 900, 900

13) 3.41 = 3, 3.4

6.49 = 6, 6.5

2.63 = 3, 2.6

5.96 = 6, 6

14) 0.491 = 0.5, 0.49

7.827 = 7.8, 7.83

0.5414 = 0.5, 0.54

13.2085 = 13.2, 13.21

15) 2.517 = 3, 2.5, 2.52

5151 = 5000, 5200, 5150

296.159 = 300, 300, 296

0.2064 = 0.2, 0.21, 0.206