

Rounding (Level 4-7)

Learning Objectives:

Round to the nearest whole number (Level 4)

Round to a number of decimal places (Level 5-6)

Round to a number of significant figures (Level 7)



How well are you doing?

Self assessment

I am..... that

I can round to the
nearest whole
number.

- 1 Highly confident
- 2 Confident
- 3 Little bit confident
- 4 Little bit unsure
- 5 Unsure
- 6 Highly Unsure

Rounding: Nearest 10

24

75

167

59

1265

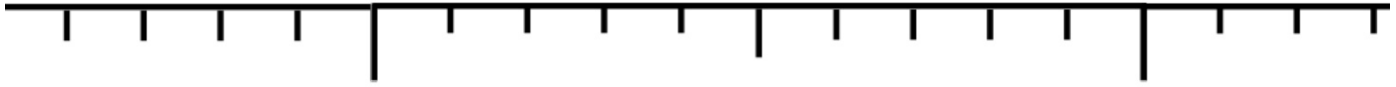
12

16798

232

54

199



Rounding: Nearest 100

524

375

167

59

1265

3412

16798

232

584

150

Rounding: Nearest 1000

8524

6375

1670

1265

659

34012

16798

2932

9584

5500

Rounding: Nearest 1

8.2

63.75

16.4

126.5

0.659

3.4

1.6798

293.2

5.5

99.99

Rounding to the Nearest Whole Number

Complete the following sentences:

1. 5.8 is between and but it is closer to
2. 2.3 is between and but it is closer to
3. 12.4 is between and but it is closer to
4. 9.9 is between and but it is closer to
5. 0.1 is between and but it is closer to
6. 6.2 is between and but it is closer to
7. 14.6 is between and but it is closer to
8. 19.2 is between and but it is closer to
9. 4.28 is between and but it is closer to
10. 7.94 is between and but it is closer to

How well are you doing?

Self assessment

I am..... that

I can round to the
nearest whole
number.

- 1 Highly confident
- 2 Confident
- 3 Little bit confident
- 4 Little bit unsure
- 5 Unsure
- 6 Highly Unsure

Rounding (Level 4-7)

Learning Objectives:

Round to the nearest whole number (Level 4)

Round to a number of decimal places (Level 5-6)

Round to a number of significant figures (Level 7)



1dp



Round 18.893 to **one decimal place**?

A 19

B 18.9

C 18.8

D 18.89



Round 40.851 to **one decimal place**?

A 41

B 40.85

C 40.8

D 40.9

Decimal places

Round these to 1 decimal place

3.56

17.08

0.8325

7.22

16.284

19.99

2dp



Round 3.1352 to **two decimal places**?

A 3.135

B 3.13

C 3.14

D 3.1



Round 1.9949 to **two decimal places**?

A 1.99

B 1.9

C 2.00

D 1.994

Decimal places

Round these to 2 decimal places

2.674

17.547

215.74352

0.842

8.215

7.297



Round 6.203486 to **three decimal places**?

A 6.213

B 6.203

C 6.20

D 6.204



Round 0.200732 to **three decimal places**?

A 0.2

B 0.200

C 0.201

D 0.2007

How well are you doing?

Self assessment

I am..... that
I can round to a
number of decimal
places.

- 1 Highly confident
- 2 Confident
- 3 Little bit confident
- 4 Little bit unsure
- 5 Unsure
- 6 Highly Unsure

To be able to:

Round to one ***significant figure***
(Level 7)

How many significant Figures?

24

7.5

160

10000

5.90

12000

12

0.045

202

50400

19.9

0.00078

Rounding: 1 Significant Figure

24

75

167

16798

5.9

1265

12

0.045

232

54

199

6.3

Rounding: 2 significant figures

524

375

167

59

1265

3412

16798

232

584

3.06

150

0.0873



Round 626 to **one significant figure**?

A 600

B 620

C 700

D 630



Round 0.00786 to **one significant figure**?

A 0.007

B 0.0078

C 0.00700

D 0.008



Round 77734 to **two significant figures**?

A 80000

B 70000

C 78000

D 78



Round 0.003445 to **two significant figures**?

A 0.003

B 0.0034

C 0.0035

D 0.00344

How well are you doing?

Self assessment

I am..... that
I can round to
atleast one
significant figure.

- 1 Highly confident
- 2 Confident
- 3 Little bit confident
- 4 Little bit unsure
- 5 Unsure
- 6 Highly Unsure