

BB Divide by 10,100,1000

Starter

Rounding

Learning Objectives:

- Able to round to the nearest 10, 100 or 1000
- Able to round to the nearest whole number
- Able to round to one and two decimal places

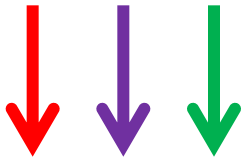


Rounding

- To round:
 - Look at the digit in the column next to that which you're rounding to
 - If it is 0 – 4, round down
 - If it is 5 – 9, round up

Rounding

- Round 13864 to the nearest 10, 100 and 1000.


13684

Nearest 10

13680

~~13690~~

Nearest 100

~~13600~~

13700

Nearest 1000

~~13000~~

14000

Round to the nearest 10

33

Round up or
down?

Round to the nearest 10

168

Round up or
down?

Round to the nearest 10

222

Round up or
down?

Round to the nearest 100

220

Round up or
down?

Round to the nearest 100

160

Round up or
down?

Round to the nearest 100

510

Round up or
down?

Round to the nearest 100

640

Round up or
down?

Round to the nearest 100

131

Round up or
down?

Round to the nearest 1000

3682 Round up or
down?

Round to the nearest 1000

8504 Round up or
down?

Round to the nearest 1000

9595 Round up or
down?

Your turn...

1. Complete the questions on your notes sheet
2. Complete the table on the worksheet, then stick it in to your books

	to the nearest 1000	to the nearest 100	to the nearest 10
37521	38000	37500	37520
274503	275000	274500	274500
7630918	7631000	7630900	7630920
9875	10000	9900	9880
452	0	500	450

Starter

- Complete the Tarsia puzzle matching the questions to the answers to form a giant hexagon.

Level 4

Rounding decimals

04/06/2020

Learning Objectives:

- Able to round to the nearest 10, 100 or 1000
- Able to round to the nearest whole number
- Able to round to one decimal place



Rounding decimals

- To round:
 - Look at the digit in the column next to that which you're round to
 - If it is 0 – 4, round down
 - If it is 5 – 9, round up

Rounding decimals

- Round the following number to the nearest whole number


14.73

~~14~~
15

Rounding decimals

- Round the following number to one decimal place

14.73



~~14~~
15

14.7 (1dp)
~~14.8~~

Rounding decimals

- What would the following numbers be if rounded to the **nearest whole number**?

0.78
4.8

5.3

99.89

13.25 0.04

Rounding decimals

- What would the following numbers be if rounded to **one decimal place**?

12.45 3.67 0.09
1.33
7.53 199.95

Your turn...

1. Round each of the following to the nearest whole number

a) 14×4.6

b) 27×9.3

c) 13×10.4

d) 137×0.36

e) 0.9×5.8

2. Round each of the following to the nearest whole number and to one decimal place

a) 2.34×1.2

b) 0.98×4.7

c) 14.5×14.5

d) 9.7×153.2

e) 7.87^2

Plenary

1.112

55.02

6.93

3.77

13.13

1352.09

0.173

23.55

153982.5632