Rounding to nearest 10 and 100

300
40
20
60
130
1100
190
260
10
700
100
250
600
90
500
50

Aim

- I can use my knowledge of rounding to routinely estimate the answer to a problem then, after calculating, decide if my answer is reasonable, sharing my solution with others.

Round to the nearest 10

When we are rounding to the nearest 10, remember to look at the **units** digit.

If the units digit is 0,1,2,3 or 4 then the tens digit stays the same.

152 ➡ 150

If the units digit is 5, 6, 7, 8 or 9 then the tens digit goes up by 1.

157 ➡ 160

Round to the nearest 10

89

80　90　70

Round to the nearest 10

574

| 500 | 580 | 570 |

Round to the nearest 10

307

300 310 320

Round to the nearest 10

6539

6500	6530	6540

Round to the nearest 10

8341

8340 8330 8350

Round to the nearest 100

When we are rounding to the nearest 100, remember to look at the **tens** digit.

If the tens digit is 0,1,2,3 or 4 then the hundreds digit stays the same.

2334 ➡ 2300

If the tens digit is 5, 6, 7, 8 or 9 then the hundreds digit goes up by 1.

4562 ➡ 4600

Round to the nearest 100

268

| 200 | 300 | 270 |

Round to the nearest 100

4663

| 4700 | 4600 | 4500 |

Round to the nearest 100

9841

9900 | 9700 | 9800

Round to the nearest 100

7598

| 7400 | 7500 | 7600 |

Round to the nearest 100

16873

| 16000 | 16900 | 16800 |

Now try these
real world problems…

Murrayfield Stadium in Edinburgh can hold a maximum capacity of 67,144.

- Round this to the nearest 10

- Round this to the nearest 100

- How would we round this to the nearest 1000?

There were 65,784 tickets sold for the Scotland vs Ireland match during the Six Nations.

- Round this to the nearest 10

- Round this to the nearest 100

The SSE Hydro in Glasgow has a maximum capacity of 13,000. Justin Bieber sold 12,367 tickets for one of his gigs.

- Round this to the nearest 10

- Round this to the nearest 100

The Scottish League Cup final takes place at Hampden. Hearts were playing Aberdeen and 46,834 tickets were sold.

- Round this to the nearest 10

- Round this to the nearest 100

A 2014 traffic survey showed that 2,299,375 vehicles passed over the Forth Road Bridge in the month of June.

- Round this to the nearest 10

- Round this to the nearest 100

It's your turn…

Can you make up some questions of your own?

Swap with a buddy and give their questions a go!

300 40 20 60

420 990 1100

130 260 190

10 250 700

100 600

90 50 500