

300 40 20 60

Rounding to nearest

10 and 100

130 1100

260 190

10

250

700

700

600

90

50

500



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.



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



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?

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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

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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

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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

130

1100

260



190

10

700

250

100

600

90

50

500

