

# Rounding to nearest 10 and 100



# 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**



**REGENT STUDIES**

Focused education on life's walk!

[www.regentstudies.com](http://www.regentstudies.com)

Round to the nearest 10

**8341**

**8340**

**8330**

**8350**



**REGENT STUDIES**

Focused education on life's walk!

[www.regentstudies.com](http://www.regentstudies.com)



# 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



**REGENT STUDIES**

Focused education on life's walk!

[www.regentstudies.com](http://www.regentstudies.com)

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**



**REGENT STUDIES**

Focused education on life's walk!

[www.regentstudies.com](http://www.regentstudies.com)

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?

Photo courtesy of dnisbet (@flickr.com) - granted under creative commons licence – attribution



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

Photo courtesy of yellow book (@flickr.com) - granted under creative commons licence – attribution



**REGENT STUDIES**  
Focused education on life's walk!  
[www.regentstudies.com](http://www.regentstudies.com)

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

Photo courtesy of Carrie Ann Images (@flickr.com) - granted under creative commons licence – attribution

# It's your turn...

Can you make up some questions of your own?

Swap with a buddy and give their questions a go!

3000 40 20 60  
420 990  
130 1100  
260 190  
10 700  
250 1000 600  
90 50 500

