

Mathematics

Rounding

Practice Questions

Round the following numbers to the nearest **hundred**:

- 647
- 8,783
- 14,621

Round the following numbers to the nearest **thousand**:

- 2,766
- 21,831
- 323,545

Meisha's shopping bill was £224.76. Round this to:

- One decimal place
- The nearest whole number
- The nearest hundred

Which number is closest to 999?

- 987 rounded to the nearest ten
- 1,450 rounded to the nearest thousand
- 1,120 rounded to the nearest hundred



What do I do?

When we **round** a number, we choose the number that is closest to the number that we are being asked to round it to. For example: 27 rounded to the nearest ten, would be 30 because it's closer to 30 than 20. If the number ends in a 5, we round up.

You could be asked to:

- Round to the nearest 10, 100, 1000 or 10,000
- Round whole numbers
- Round decimal numbers up to 3 decimal places
- Round within a worded problem

Top Tips!

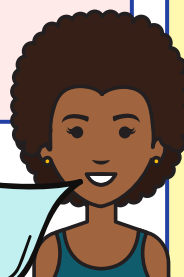
- Be sure to read the question carefully and read it **TWICE!**
- Make sure you're confident with **place value** - the value of individual numbers within a larger number.

What skills do I need to improve?

Doing lots of practice questions will help with becoming familiar with question types but what else can you do to improve in this area?

- At the shop? See if you can round your bill to the nearest pound.
- Do you have scales? Weigh some items and round them to the nearest gram.
- Draw a number line and see if you can visually round numbers by placing them on a number line.
- Do you have a tape measure? Go round the house and measure some items and round them to the nearest cm and m.

Wembley Stadium held 62,540 fans at a football match. How many people is this to the nearest thousand?



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Answers

Round the following numbers to the nearest hundred:

- 647 - **600**
- 8,783 - **8,800**
- 14,621 - **14,600**

Round the following numbers to the nearest thousand:

- 2,766 - **3,000**
- 21,831 - **22,000**
- 323,545 - **324,000**

Meisha's shopping bill was £224.76.

Round this to:

- One decimal place - **224.8**
- The nearest whole number - **225**
- The nearest hundred - **200**

Which number is closest to 999?

- a) 987 rounded to the nearest ten - 990
b) 1,450 rounded to the nearest thousand - 1,000
c) 1,120 rounded to the nearest hundred - 1,100



We round up, because this number is a '5'.

↓
62,540 --> **63,000 people**

