

# Revising Rounding

This term we have looked at revising to the nearest 10, 100, 1000 and 10,000.

Take a look at the rounding rules below to remind yourself of how we round, then choose your level of challenge.

**Rounding to the Nearest 10**

239  
238  
237  
236  
235  
234  
233  
232  
231

Round up to 240

Round down to 230

Remember: The red digit is the one to consider.

**Rounding to the Nearest 100**

7399  
7398  
...  
7351  
7350  
7349  
7348  
...  
7302  
7301

Round up to 7400

Round down to 7300

Remember: The red digit is the one to consider.

**Rounding to the Nearest 10 000**

29 999  
29 998  
...  
25 001  
25 000  
24 999  
24 998  
...  
20 002  
20 001

Round up to 30 000

Round down to 20 000

Remember: The red digit is the one to consider.

**Rounding to the Nearest 100 000**

699 999  
699 998  
...  
650 001  
650 000  
649 999  
649 998  
...  
600 002  
600 001

Round up to 700 000

Round down to 600 000

Remember: The red digit is the one to consider.

A few rounding reminders...

<https://www.bbc.co.uk/bitesize/topics/zh8dmp3/articles/zpx2qty>

<https://www.bbc.co.uk/bitesize/articles/zjf492p>

<https://www.bbc.co.uk/bitesize/articles/zrjx6v4>

# I'd like more practise:

It's Sports Day at Twinkl Academy and the children are competing in lots of events. Use your rounding skills to complete the activities.



- 1) The children have been competing in the long jump event and their distances have been measured in millimetres. Look at the track below and use it to help identify which multiples of 1000 each child's long jump distance sits between.



Name	Long Jump Distance	Multiples of 1000 the Distance Sits between	Rounded to the Nearest 1000
Nehal	1001		
Ellie	3999		
Pierre		2000 – 3000	
Gina	563		

- 2) The children have been competing in the discus. Their scores have been recorded below. Round the scores to the nearest thousand to work out which sticker they have won.



0 – 4000



4000 – 8000



8000 – 12 000



12 000 +

Name	Ollie	Milan	Fabio	June	Tara	Desirae
Finishing Time	MCCCXLII		Twelve thousand nine hundred and four	$700 + 30 + 9000 + 9 =$	4911	$18\ 000 - 100 =$
Rounded to the nearest 1000						
Sticker						

- 3) Alana has collated all her points for the different events on the table below. Use your rounding skills to complete the table.

Event	Results	Round to the Nearest 10	Round to the Nearest 100	Round to the Nearest 1000
Sprint	799			
Javelin	13 505			
High Jump	4030			
Hurdles		6500	6500	7000

# I know what to do:

1) Complete the table.



	654	1095	7561	8947
Rounded to the nearest 10				
Rounded to the nearest 100				
Rounded to the nearest 1000				

2) Circle the numbers that would be 5500 when rounded to the nearest 100.

5349

500

5456

5445

5549

1) James says that 1595 rounded to the nearest 10 is 1590. Rami says it is 1600 and Neil says it is 1610. Who do you agree with and why?



2) Callum is rounding 5635. Here are his answers.

To the nearest 10	40
To the nearest 100	600
To the nearest 1000	6000

What mistakes has Callum made? What advice would you give him to make sure he doesn't make the same mistakes again?



1) Damon is talking to Sandy about how old his grandmother is. He says that rounded to the nearest 10, she is 70 years old. How old could Damon's grandmother be? Explain your thinking.



2) Geri is estimating how many people will be coming to the concert. She says that to the nearest 1000, there will be 15 000 people.

a) Give three possible answers for how many people could be attending.

b) What are the fewest and the greatest numbers of people that could be coming to the concert?

3) When rounded to the nearest 10, 100 and 1000, my number is 5000. What could my number be?

# I'd like a challenge:



1) Complete the table.

	Round to the nearest 10	Round to the nearest 100	Round to the nearest 1000	Round to the nearest 10 000
52 254				
12 989				
75 348				

2) What could the starting number be for each row?

	Round to the nearest 10	Round to the nearest 100	Round to the nearest 1000	Round to the nearest 10 000
	43 820	43 800	44 000	40 000
	43 830	43 800	44 000	40 000
	43 970	44 000	44 000	40 000



1) Mateo says that if he rounds 85 995 to the nearest 10, 100, 1000 and 10 000, he will get the same answer. Ben disagrees. Who do you agree with? Explain your answer and prove it!

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2) Esther is looking at how many people went to see a concert. She says that, rounded to the nearest 10 000, the number of concert goers was 90 000.

a) Exactly how many people could have attended? Can you give three different possible answers?

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b) What are the fewest and greatest numbers of people that could have attended? How do you know?

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