Year 6 Maths Home Learning Resources
Term 5, Week 1

Session 5: Rounding whole numbers to different degrees of accuracy

These questions use and apply the rounding skills we discussed in the session 4 video. If you think that you might need a bit more practise, have another look at the video, or refer to the practising and deepening tasks which have some ideas to help you do that. The answers are on the answer sheet so that you can check your work afterwards.

Can you explain it?

Colin thinks that 2,546,852 rounded to the nearest 1,000 is 2,547,852

Explain why he is incorrect:

(He is incorrect because he thought …….. The correct answer is …….. He should have …….)

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Can you apply it?

Find the missing numbers:

I begin with two different numbers.

When I round them to the nearest 100, they give the same result. When I round them to the nearest 1000, the difference between them is 1000.

What could they be?

Is it Always, Sometimes or Never True:

Try some examples to prove whether the statement is always, sometimes or never true. You need to have several examples to be truly convincing.

"*Rounding a number to the nearest 100,000 will give you a bigger result than rounding to the nearest 10.*"

Find the missing numbers:

I begin with a prime number and multiply it by 5. When rounded to the nearest 100, the result is 100. Which prime numbers could I have started with?

Solve a Problem:

Easter eggs come in packs of 6. If a shop needs 55 Easter eggs, how many packs does the shopkeeper need to buy?