

Year 4 Unit 9 Extension Activity

We can estimate and check the result of a calculation

We can round numbers to the nearest 10 and 100

Round some numbers to the nearest 10, then to the nearest 100, then to the nearest 1000

For example,

351 to the nearest 10 is 350

350 to the nearest 100 is 400

400 to the nearest 1000 is 0 (because it is less than 500)

Use some larger numbers

2879 to the nearest 10 (2880)

To the nearest 100 (2900)

To the nearest 1000 (3000)

Discuss how useful it is to round to the nearest 1000. How near is the nearest 1000 to the original number?

What is the biggest change of number when rounding to 1000 (500 rounded to 1000 gives a change of 500)?

What is the smallest change when rounding to 1000 (999 rounded to 1000 gives a change of 1)?