



## KEY INSTANT RECALL FACTS

STAGE: 6

AUTUMN: 2

**I can round any whole or decimal number to a required degree of accuracy.**

By the end of this half term, children should be able to round the following facts and other similar facts.

### Round to nearest 10

6475 → 6480

2397 → 2400

4996 → 5000

631,987 → 631,990

34,799 → 34,800

### Round to nearest 100

2352 → 2400

4958 → 5000

469,532 → 469,500

29,996 → 30,000

### Round to nearest 1000

5499 → 5000

289,574 → 290,000

23,709,601 → 23,710,000

### Round to nearest 10,000

87,677 → 90,000

596,438 → 600,000

9,693,346 → 9,690,000

### Round to nearest 100,000

856,890 → 900,000

4,567,934 → 4,600,000

982,632 → 1,000,000

### Round to nearest whole

7.8 → 8

324.199 → 324

899.98 → 900

### Round to one decimal place

74.94 → 74.9

679.863 → 679.9

23.953 → 24

### Round to two decimal places

45.9488 → 45.95

5.7999 → 5.8

5.94864 → 5.95

### Round to three decimal places

4.9087 → 4.909

48.94966 → 48.95

### Key Vocabulary

What is 689 rounded to the nearest 10?

What is 23,689 rounded to the nearest 100?

What is 967,453 rounded to the nearest thousand?

What is 23,609,346 rounded to the nearest ten thousand?

What is 4,967,809 rounded to the nearest hundred thousand?

What is 693.67 rounded to the nearest whole number?

What is 17.98 rounded to one decimal place?

What is 2.499 rounded to two decimal places?

What is 27.98549 rounded to three decimal places?

They should also be able to give a range of numbers that will round to a given answer e.g. when rounding to the nearest ten thousand what is the largest/smallest number that will round to 50,000?

### Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

Look for patterns – Talk to your child about what happens when rounding with digits with 0 to 4 or 5 to 9 in the significant column. The following website gives some rules for rounding:

<https://www.mathsisfun.com/rounding-numbers.html>

Practise online – To practise rounding go to:

<http://www.topmarks.co.uk/Flash.aspx?f=DartboardRoundingv2>

<http://mathszone.co.uk/count-and-understand/rounding/>

<https://uk.ixl.com/math/year-6/rounding>