

Y5 Rounding Large Numbers

KS2 Y5 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

Round 683,420 to the nearest 10,000.

Step 1 · Multiples of 10,000 either side
680,000 and 690,000

Step 2 · Look at the thousands digit
3, which is less than 5

Step 3 · Round down
680,000

Answer: 683,420 $\approx$ 680,000

Check: Halfway is 685,000 and 683,420 is below it ✓

2. Now try one with the steps

Round 247,519 to the nearest 100,000.

Step 1 · Multiples of 100,000 either side

Step 2 · Look at the ten thousands digit

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. Round 45,682 to the nearest 10.

2. Round 45,682 to the nearest 100.

3. Round 45,682 to the nearest 1,000.

4. Round 45,682 to the nearest 10,000.

5. Round 314,700 to the nearest 10,000.

6. Round 451,800 to the nearest 100,000.

7. Round 725,000 to the nearest 10,000.

8. Round 95,060 to the nearest 100,000.

9. Round 960,372 to the nearest 100,000.

10. Round 597,500 to the nearest 1,000.

11. Round 299,950 to the nearest 100.

12. What is the smallest whole number that rounds to 40,000 to the nearest 10,000?

13. What is the largest whole number that rounds to 700,000 to the nearest 100,000?

14. A newspaper says there were 'about 60,000 fans', rounded to the nearest 10,000. Could there really have been 54,800 fans? Write yes or no.

4. Before you hand it in

Rounding 683,420 to the nearest 10,000 as 683,000.

Write the two multiples of 10,000 either side first: 680,000 and 690,000. The answer must be one of them.

Rounding 349,999 to the nearest 100,000 as 400,000.

Always round the original number. Its ten thousands digit is 4, so it rounds down to 300,000.

Rounding 95,060 to the nearest 100,000 as 0 or 95,000.

95,060 is between 0 and 100,000, and it is past halfway (50,000), so it rounds to 100,000.

Rounding 960,372 to the nearest 100,000 as 910,000 or 9,100,000.

9 hundred thousands rounds up to 10 hundred thousands, which is 1,000,000.