

Homework/Extension

Step 6: Round Within 100,000

National Curriculum Objectives:

Mathematics Year 5: (5N2) [Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit](#)

Mathematics Year 5: (5N4) [Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000](#)

Mathematics Year 5: (5N6) [Solve number problems and practical problems that involve \(5N1\) \(5N2\) \(5N4\) \(5N5\)](#)

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Circle all the numbers that round to a given number. Rounding to the nearest 10,000 and using numerals only.

Expected Circle all the numbers that round to a given number. Rounding to the nearest 100 using numerals and words.

Greater Depth Circle all the numbers that round to a given number. Rounding to the nearest 100 using numerals, words and Roman numerals.

Questions 2, 5 and 8 (Varied Fluency)

Developing Match a set of numbers to their corresponding value when rounded to the nearest 1,000 and 10,000. Using numerals only.

Expected Match a set of numbers to their corresponding value when rounded to the nearest 10 and 10,000. Using numerals and words.

Greater Depth Match a set of numbers to their corresponding value when rounded to the nearest 10 and 10,000. Using numerals, words and Roman numerals.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

Developing Explain whether a statement about rounding is true or false. Rounding to the nearest 1,000 and using numerals only.

Expected Explain whether a statement about rounding is true or false. Rounding to the nearest 1,000 using numerals and words.

Greater Depth Explain whether a statement about rounding is true or false. Rounding to the nearest 1,000 using numerals, words and Roman numerals.

More [Year 5 Place Value](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Round Within 100,000

1. Circle all the numbers that will round to 80,000 when rounded to the nearest 10,000.

84,449

89,999

85,102

75,551

79,999

72,021

74,968



VF
HW/Ext

2. Match the numbers in the middle to their rounded values.

← To the nearest 1,000

To the nearest 10,000 →

29,000

68,354

50,000

57,000

28,569

70,000

48,000

57,431

30,000

68,000

47,857

60,000



VF
HW/Ext

3. True or false? All of these numbers will round to 8,000 when rounded to the nearest 1,000.

8,120

7,556

8,368

7,934

8,653

Explain your answer.



RPS
HW/Ext

Round Within 100,000

4. Circle all the numbers that will round to 600 when rounded to the nearest 100.

649

Five hundred
and twenty-
three

652

551

Six hundred
and four

Seven
hundred and
one

678



VF
HW/Ext

5. Match the numbers in the middle to their rounded values.



To the nearest 10

To the nearest 10,000



sixty-eight thousand
three hundred and fifty

52,564

60,000

79,020

seventy-nine thousand
and twenty-one

50,000

63,000

68,354

seventy thousand

52,560

sixty-three thousand
and one

80,000



VF
HW/Ext

6. True or false? All of these numbers will round to 32,000 when rounded to the nearest 1,000.

32,456

31,877

32,601

thirty-two
thousand
four hundred
and eighty

thirty-one
thousand,
nine hundred
and forty-two

Explain your answer.



RPS
HW/Ext

Round Within 100,000

7. Circle all the numbers that will round to 800 when rounded to the nearest 100.

DCCXCVI

eight hundred
and thirty-six

898

724

seven
hundred and
7

nine hundred
and five

DCCCXI



VF
HW/Ext

8. Match the numbers in the middle to their rounded values.

← To the nearest 10

To the nearest 10,000 →

twenty-five thousand,
six hundred and eighty

MMMDCXXIV

10,000

twenty thousand

fourteen thousand, nine
hundred and seven

thirty thousand

14,910

25,678

20,000

3,620

19,998

zero



VF
HW/Ext

9. True or false? All of these numbers will round to 2,000 when rounded to the nearest 1,000.

MMCCIV

2,195

MDCCXVI

two thousand
five hundred
and 1

one
thousand,
nine hundred
and 65

Explain your answer.



RPS
HW/Ext

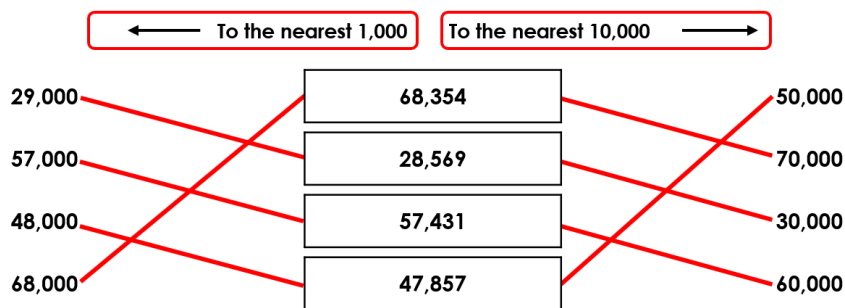
Homework/Extension

Round Within 100,000

Developing

1. **84,449; 75,551; 79,999**

2.

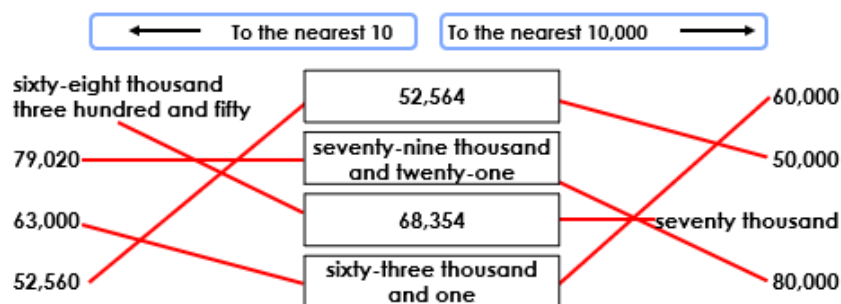


3. **False because 8,653 rounds to 9,000 when rounded to the nearest 1,000.**

Expected

4. **649; 551; six hundred and four**

5.

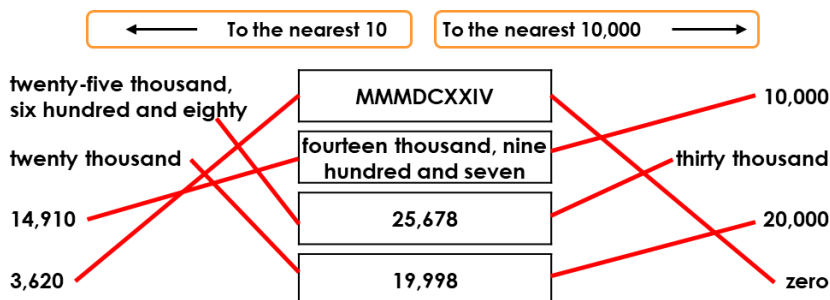


6. **False because 32,601 rounds to 33,000 when rounded to the nearest 1,000.**

Greater Depth

7. **DCCXCVI (796); eight hundred and thirty-six; DCCCXI (811)**

8.



9. **False because two thousand, five hundred and 1 rounds to 3,000 when rounded to the nearest thousand.**