

Varied Fluency

Step 8: Round to 10, 100 and 1,000

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 - 5N5](#)

Differentiation:

Developing Questions to support rounding numbers up to 10,000 to the nearest 10, 100 or 1,000. Pictorial representations and numerals only.

Expected Questions to support rounding numbers up to 10,000 to the nearest 10, 100, or 1,000. Pictorial representations and numbers represented as numerals and words.

Greater Depth Questions to support rounding numbers up to 10,000 to the nearest 10, 100 or 1,000. Numbers represented as numerals, words and Roman Numerals.

More [Year 5 and Year 6 Place Value](#) resources.

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Round to 10, 100 and 1,000

1a. Round these numbers to the nearest 10, 100 and 1,000.

A.

B.

C. **6,591**



5 VF

Round to 10, 100 and 1,000

1b. Round these numbers to the nearest 10, 100 and 1,000.

A.

B. **3,365**

C.



5 VF

2a. These numbers are being rounded to the nearest hundred. Match them to their rounded value.

1,100

1,200

1,072



5 VF

2b. These numbers are being rounded to the nearest hundred. Match them to their rounded value.

2,000

2,100

1,955



5 VF

3a. A 4-digit number has 3 ones. It is rounded to the nearest ten. 100 is added to the number. The result is 1,320. What was the original number?



5 VF

3b. A 4-digit number has 8 ones. It is rounded to the nearest ten. 50 is subtracted from the number. The result is 7,220. What was the original number?



5 VF

4a. Use the digit cards below to make 4-digit numbers to complete the table.

5 3 1 9

Number	Rounded to the nearest 100 is



5 VF

4b. Use the digit cards below to make 4-digit numbers to complete the table.

3 7 4 2

Number	Rounded to the nearest 100 is



5 VF

Round to 10, 100 and 1,000

Round to 10, 100 and 1,000

5a. Round these numbers to the nearest 10, 100 and 1,000.

A. Three thousand, one hundred and six.

B. **9,815**

C. Four thousand, six hundred and seventy-two



5 VF

5b. Round these numbers to the nearest 10, 100 and 1,000.

A. **9,975**

B. Four thousand and eighty-seven

C. One thousand, four hundred and eighty-nine



5 VF

6a. These numbers are being rounded to the nearest hundred. Match them to their rounded value.

1,094

One thousand and forty-nine

1,141

1,000

1,100



5 VF

6b. These numbers are being rounded to the nearest hundred. Match them to their rounded value.

8,548

Eight thousand, five hundred and nine

8,359

8,400

8,500



5 VF

7a. A 4-digit number has 2 ones. It is rounded to the nearest ten and then halved. The result is 510. What was the original number?



5 VF

7b. A 4-digit number has 5 ones. It is rounded to the nearest ten and then doubled. The result is 6,420. What was the original number?



5 VF

8a. Use the digit cards below to make 4-digit numbers to complete the table.

5

1

4

8

Number	Rounded to the nearest 100 is
	5,500
	8,200
	Four thousand, five hundred



5 VF

8b. Use the digit cards below to make 4-digit numbers to complete the table.

7

2

9

3

Number	Rounded to the nearest 100 is
	Seven thousand, two hundred
	9,300
	Three thousand



5 VF

Round to 10, 100 and 1,000

Round to 10, 100 and 1,000

9a. Round these numbers to the nearest 10, 100 and 1,000.

A. Eight thousand, four hundred and fifty-three

B. 6,059

C. MMMMDCVII



5 VF

9b. Round these numbers to the nearest 10, 100 and 1,000.

A. MLVIII

B. Nine thousand, two hundred and five

C. 2,671



5 VF

10a. These numbers are being rounded to the nearest hundred. Match them to their rounded value.

MMMMCDXCV

4,500

Four thousand, five hundred and twelve

4,600

MMMMDLVI



5 VF

10b. These numbers are being rounded to the nearest hundred. Match them to their rounded value.

MMMMXXI

3,900

Three thousand, nine hundred and fifty-two

4,000

MMMCMLXXXIV



5 VF

11a. A 4-digit number has 7 ones. It is rounded to the nearest ten and then multiplied by 3. The result is 6,090. What was the original number?



5 VF

11b. A 4-digit number has 4 ones. It is rounded to the nearest ten and then divided by 5. The result is 1,032. What was the original number?



5 VF

12a. Use the digit cards below to make 4-digit numbers to complete the table.

2 3 7 9

Number	Rounded to the nearest 100 is
	MMDCC
	Seven thousand, three hundred
	MMMDCCC



5 VF

12b. Use the digit cards below to make 4-digit numbers to complete the table.

5 4 1 8

Number	Rounded to the nearest 100 is
	MMMMD
	Eight thousand, two hundred
	MCM



5 VF

Varied Fluency

Round to 10, 100 and 1,000

Developing

1a. A = 2,210; 2,200; 2,000

B = 3,020; 3,000; 3,000

C = 6,590; 6,600; 7,000

2a. Lines connecting 1,206 to 1,200;

1,130 to 1,100;

1,072 to 1,100

3a. 1,223

4a. 5,139; 1,953

Expected

5a. A = 3,110; 3,100; 3,000

B = 9,820; 9,800; 10,000

C = 4,670; 4,700; 5,000

6a. Lines connecting 1,094 to 1,100;

One thousand and forty-nine to 1,000;

1,141 to 1,100

7a. 1,022

8a. 5,481; 8,154; 4,518

Greater Depth

9a. A = 8,450; 8,500; 8,000

B = 6,060; 6,100; 6,000

C = 4,610; 4,600; 5,000

10a. Lines connecting 4,495 (represented in Roman Numerals) to 4,500;

Four thousand, five hundred and twelve to 4,500;

4,556 (represented in Roman Numerals) to 4,600

11a. 2,027

12a. 2,739; 7,329; 3,792

Varied Fluency

Round to 10, 100 and 1,000

Developing

1b. A = 1,090; 1,100; 1,000

B = 3,370; 3,400; 3,000

C = 2,140; 2,100; 2,000

2b. Lines connecting 2,102 to 2,100;

2,008 to 2,000;

1,955 to 2,000

3b. 7,268

4b. 2,347; 3,274

Expected

5b. A = 9,980; 10,000; 10,000

B = 4,090; 4,100; 4,000

C = 1,490; 1,500; 1,000

6b. Lines connecting 8,548 to 8,500;

Eight thousand, five hundred and nine to 8,500;

8,359 to 8,400

7b. 3,205

8b. 7,239; 9,327; 2,973

Greater Depth

9b. A = 1,060; 1,100; 1,000

B = 9,210; 9,200; 9,000

C = 2,670; 2,700; 3,000

10b. Lines connecting 4,021 (represented in Roman Numerals) to 4,000;

Three thousand, nine hundred and fifty-two to 4,000;

3,984 (represented in Roman Numerals) to 4,000

11b. 5,164

12b. 4,518; 8,154; 1,854