

Sense of Number

Visual Place Value Policy

A4 Posters

Belle Vue Primary School

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For sole use within Belle Vue Primary School.



'A picture is worth 1000 words!'

www.senseofnumber.co.uk





Guide to using a



Visual Place Value Policy

The Sense of Number Visual Place Value Policy provides a visual representation of the progression found within Domain 1: Number and Place Value in the new National Curriculum.

A school branded VPVP is created by Dave Godfrey for individual schools when the school logo and school name are added to the footer of each slide.

Typical uses:

Classroom: The slides are printed out (e.g. A4) and the appropriate slides are displayed within each classroom for continual reference or on a working wall.

Teacher Reference: The slides are printed out (e.g. 9 slides per A4 page) and inserted in the teacher's planning folder.

Parents: The slides are used to communicate to parents the school's approach to teaching place value.

Website: Selected slides from the VPVP are inserted onto a school's maths webpages. (Please note: the VPVP should not be made available for download.)





Sections in the



Visual Place Value Policy

1-4 Introduction Slides

Pages	Code	Years	Theme
5-18	PA	Y2-Y6	Rounding
19-23	PB	Y2-Y6	Comparing and Ordering Numbers
24-25	PC	Y2-Y3+	Partitioning

Wallcharts (A3 - suggested printing size)

Y2-Y6	Papa Titoning's Wallcharts (Place Value)
Y3-Y5	Papa Titoning's Wallcharts (Decimals)
Y3-Y5	Roman Numeral Wallcharts





Year Groups:



Specific Slide Locations

Section	Y1	Y2	Y3	Y4	Y5	Y6
A: Rounding		5,6	7,8	9,10	11-15	16-18
B: Comparing		19	20	21	22	23
C: Partitioning		24	25			

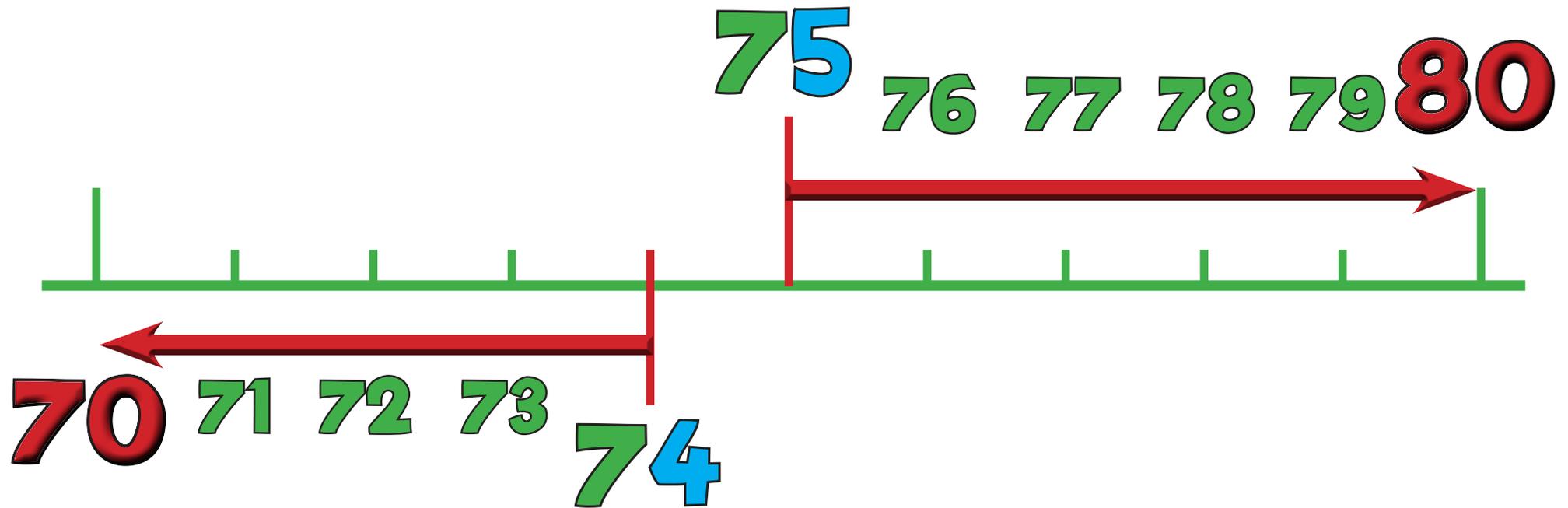
Section	Y3	Y4	Y5	Extra
Roman Numeral Wallcharts	1-12	1-100	1-1000	Walls x2

Section				
Papa Titoning's Wallcharts	6	17	74	347
(Featured Numbers)	2,463	67,342	8,364,791	
	7.4	6.25	2.357	



PA: Rounding (Nearest 10)

2



e.g. 76 → 80

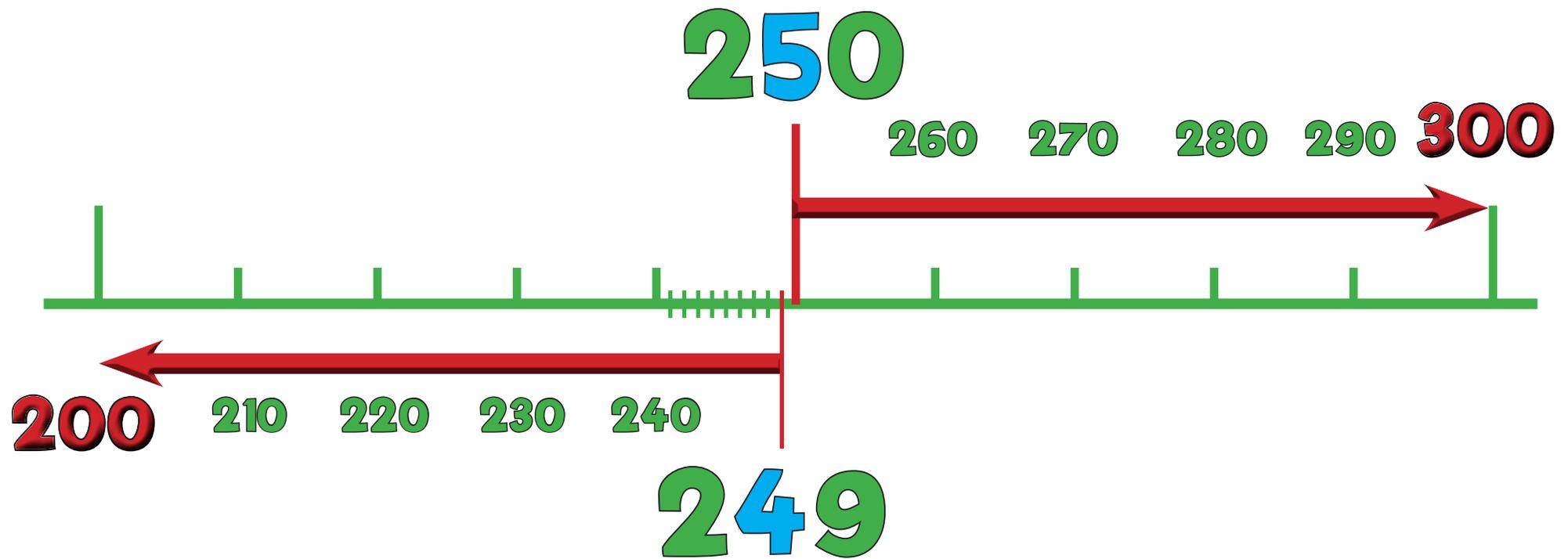
PA: Rounding (Nearest 10)

2



PA: Rounding (Nearest 100)

3



e.g. 276 → 300

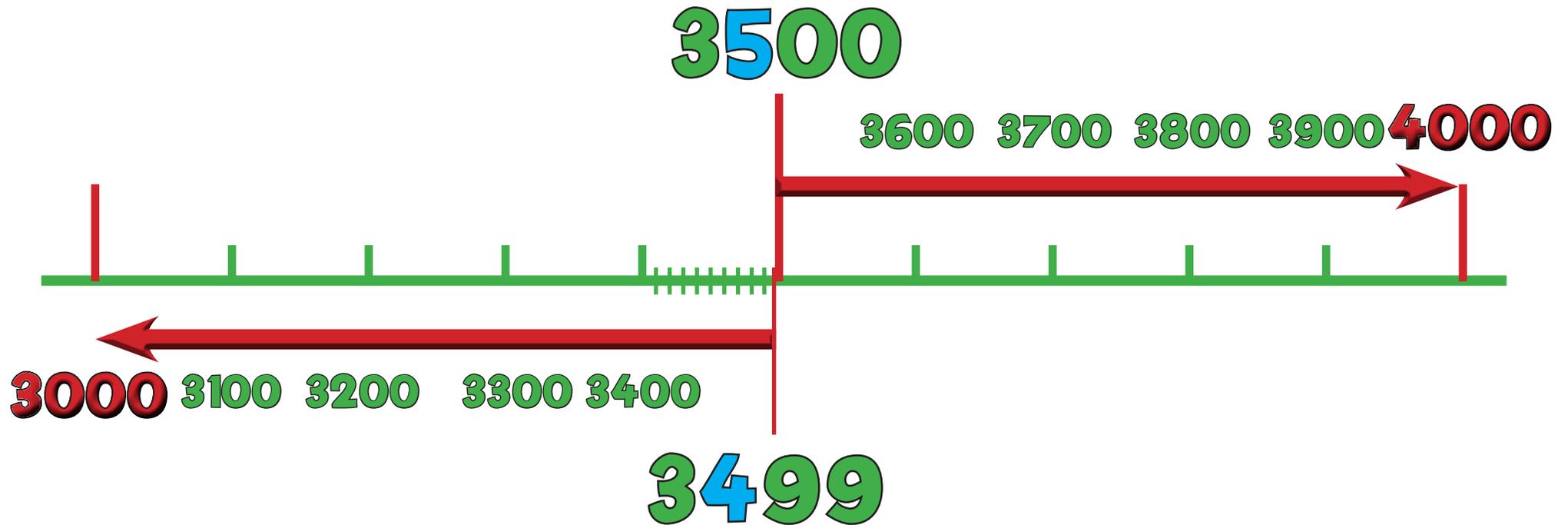
FA: Rounding (Nearest 100)

3



PA: Rounding (Nearest 1000)

4



e.g. 3,376 → 3,000

PA: Rounding (Nearest 1000)

4

$$6,283 \xrightarrow{R10} 6,280$$

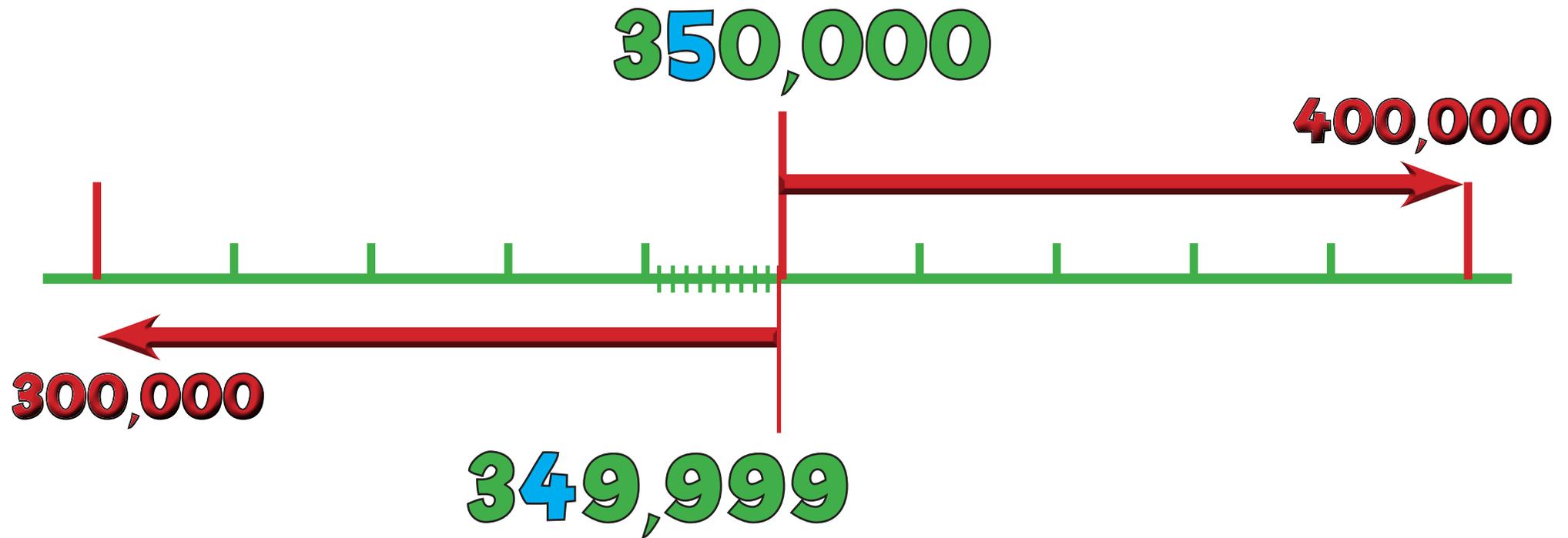
$$6,283 \xrightarrow{R100} 6,300$$

$$6,283 \xrightarrow{R1000} 6,000$$

PA: Rounding

(Nearest 100,000)

5



e.g. 337,566 → 300,000

PA: Rounding (Nearest 100,000)

5

$$372,648 \xrightarrow{\text{R10}} 372,640$$

$$372,648 \xrightarrow{\text{R100}} 372,650$$

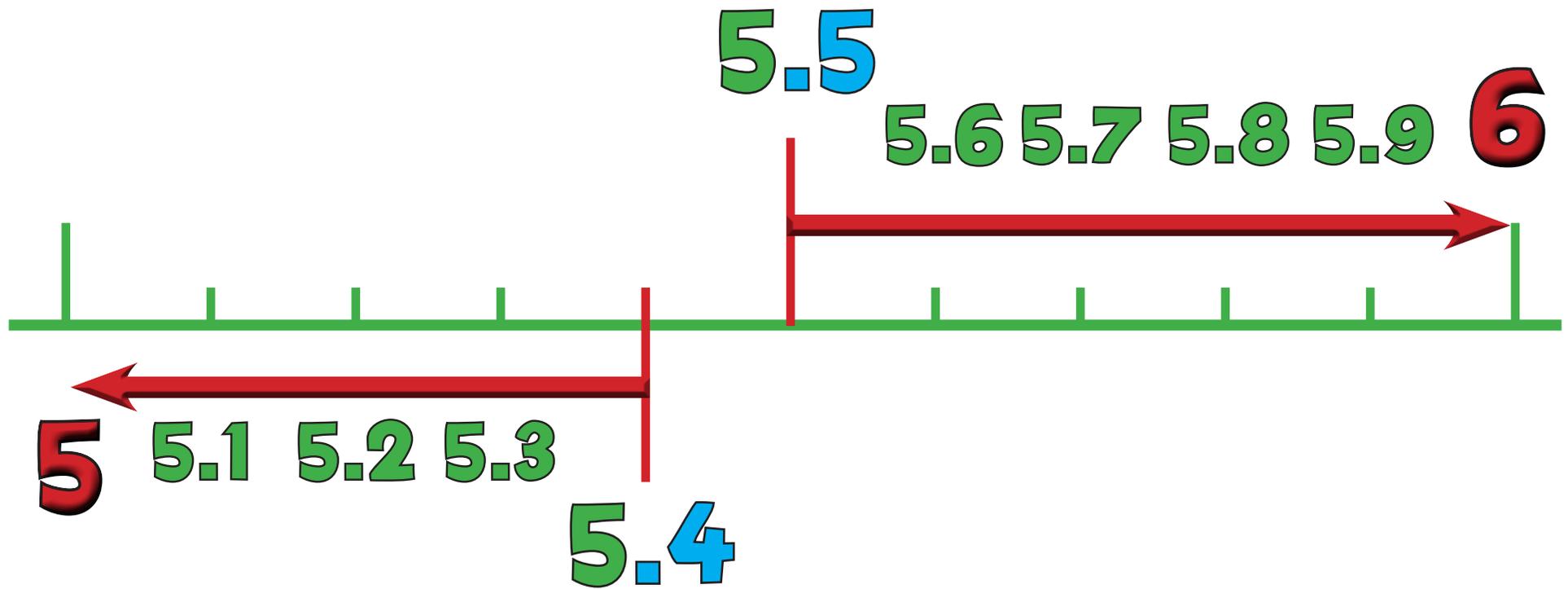
$$372,648 \xrightarrow{\text{R1000}} 373,000$$

$$372,648 \xrightarrow{\text{R10,000}} 370,000$$

$$372,648 \xrightarrow{\text{R100,000}} 400,000$$

PA: Rounding (Nearest 1)

5

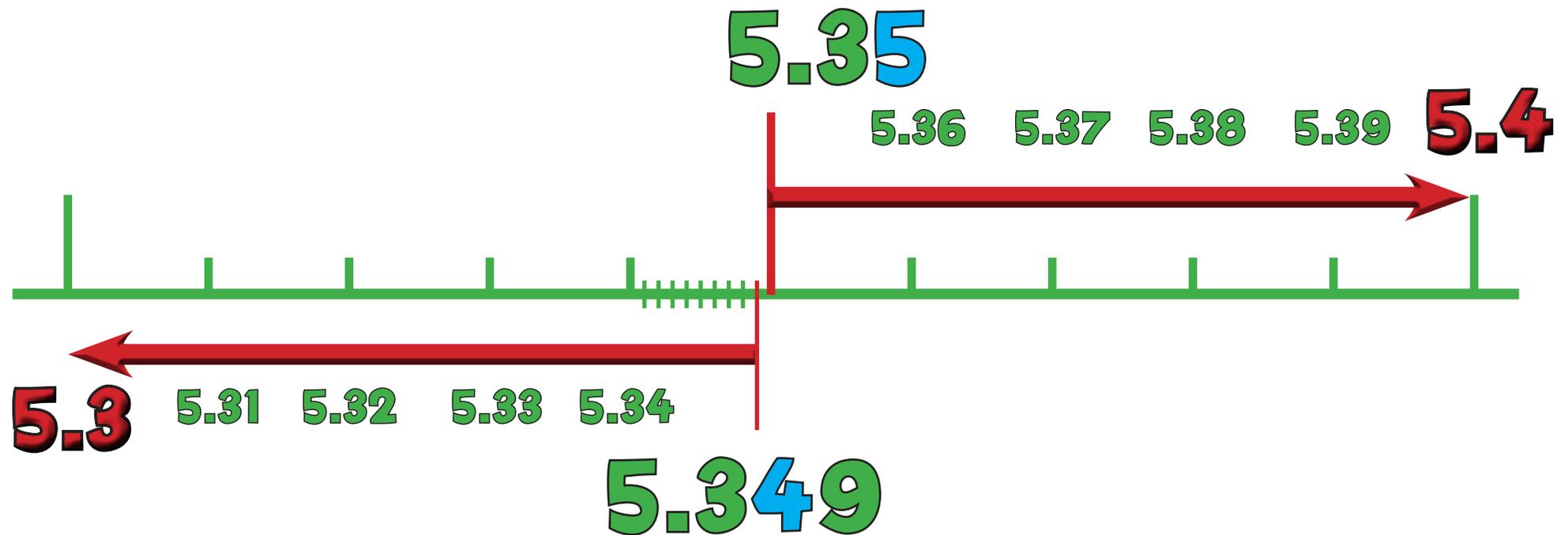


e.g. 5.6 → 6

PA: Rounding

5

(Nearest 1 decimal place)



e.g. 5.36 → 5.4

PA: Rounding

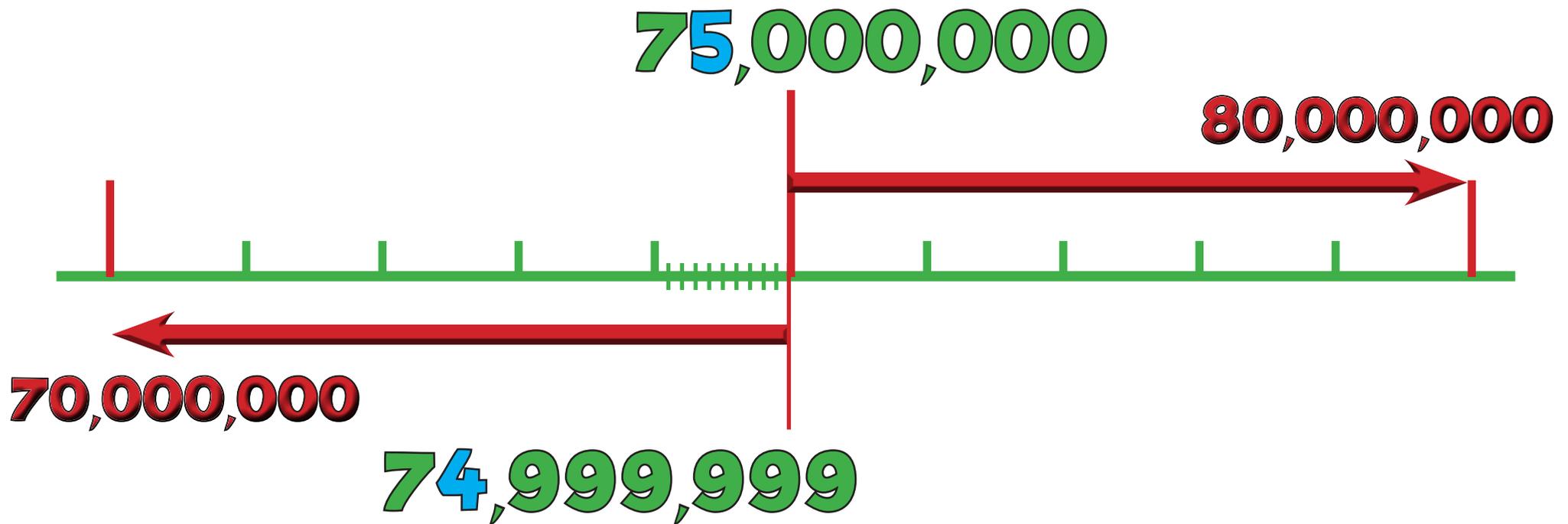
(Up to 1 decimal place)

5



PA: Rounding (Nearest 10,000,000)

6



e.g. 74,637,566 → 70,000,000

PA: Rounding

(Up to Nearest
1,000,000)

6

7,369,017 $\xrightarrow{\text{R10}}$ 7,369,020

7,369,017 $\xrightarrow{\text{R100}}$ 7,369,000

7,369,017 $\xrightarrow{\text{R1000}}$ 7,369,000

7,369,017 $\xrightarrow{\text{R10,000}}$ 7,370,000

7,369,017 $\xrightarrow{\text{R100,000}}$ 7,400,000

7,369,017 $\xrightarrow{\text{R1,000,000}}$ 7,000,000

PA: Rounding

(Up to 3 decimal places)

6

$$37.\overset{\circ}{2}648 \xrightarrow{\text{R1}} 37$$

$$37.2\overset{\circ}{6}48 \xrightarrow{\text{R1dp}} 37.3$$

$$37.26\overset{\circ}{4}8 \xrightarrow{\text{R2dp}} 37.26$$

$$37.264\overset{\circ}{8} \xrightarrow{\text{R3dp}} 37.265$$

PB: Comparing & Ordering

2

$$43 < 72$$

$$43 > 12$$



PB: Comparing & Ordering

3

367 < 819

367 > 278



PB: Comparing & Ordering

4

9631 < 9738

9631 > 2347



PB: Comparing & Ordering

5

$$1,342,763 < 3,763,429$$

$$1,342,763 > 1,234,276$$



PB: Comparing & Ordering

6

$$53,679,425 < 84,359,604$$

$$53,679,425 > 34,882,934$$



PC: Partitioning 74

2+

70



4

60



14

50



24

40



34



PC: Partitioning 834

3+

