Bell and Shipton Maths

Week 5 : Wk beg. 18.05.2020

LO: Rounding up and rounding down numbers.

Instructions

- This PowerPoint is to accompany the worksheets sent home.

- The PowerPoint is to give a brief introduction to the resources sent home.

- Please do not feel that all work must be done in one day. Take short regular breaks after 20 minutes so that students do not become overwhelmed.

- At the end of the PowerPoint, there are some links to activities that you can have a go at.
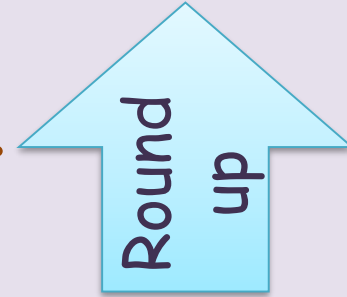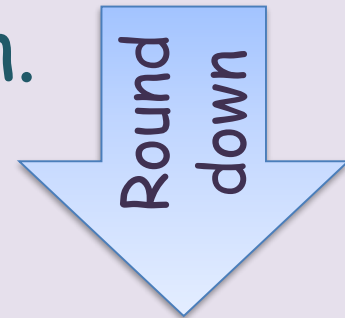
Key words

Rounding up Rounding down

Rounding to the nearest 10
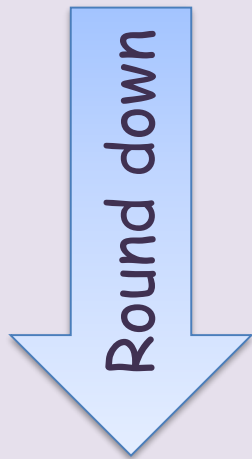
- Numbers can be rounded up.

Round up

- Numbers can be rounded down.

Round down

- It depends on what the number ends with.

Rounding **down** to the nearest 10

T	O
1	3

Round down

When a number ends in 4, 3, 2 or 1, it is rounded **down** to the nearest 10.

e.g. 13 = 10

72 = 70

0	1	2	3	4	5	6	7	8	9	10

Rounding **up** to the nearest 10

T	O
2	6

When a number ends in 5, 6, 7, 8 or 9, it is rounded **up** to the nearest 10.

e.g. 8 = 10

37 = 40.

Round up
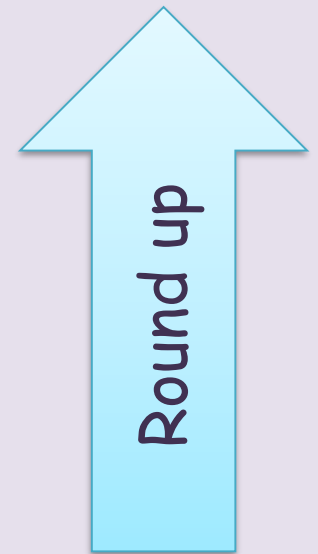
0	1	2	3	4	5	6	7	8	9	10

Rounding to the nearest 10

13

Round down

| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
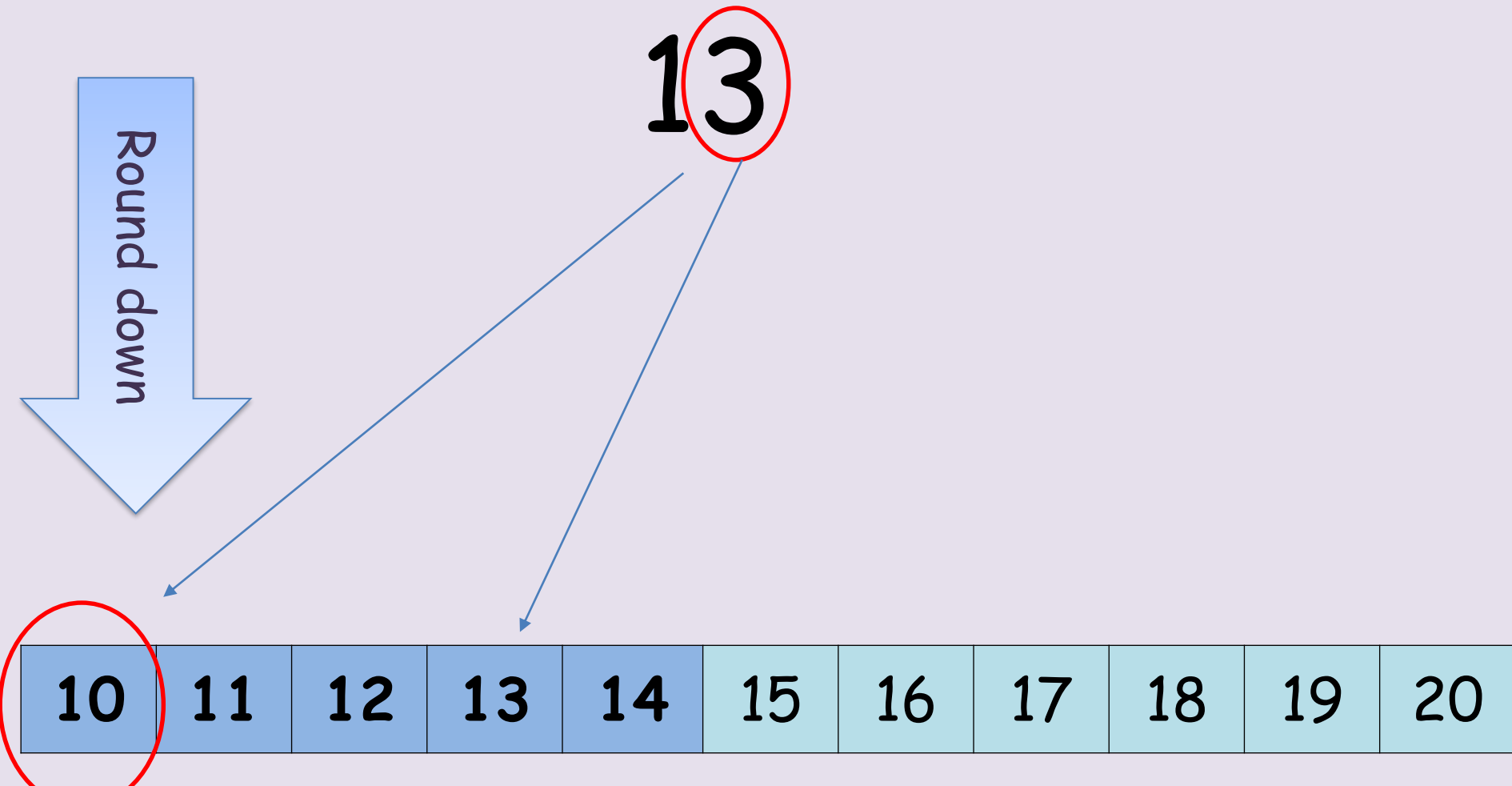
Rounding to the nearest 10

15

Round up

10	11	12	13	14	15	16	17	18	19	20
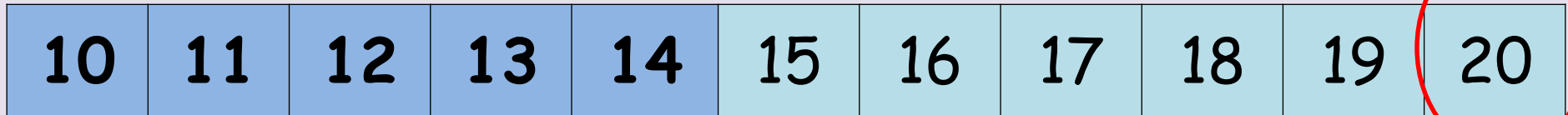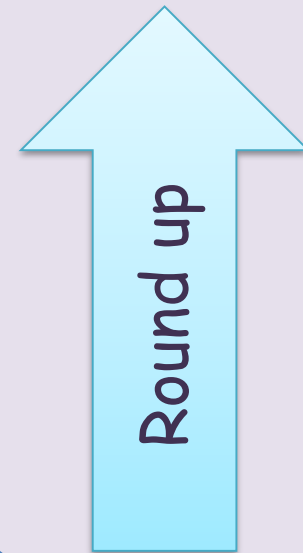
Rounding to the nearest 100

H	T	O
1	2	4
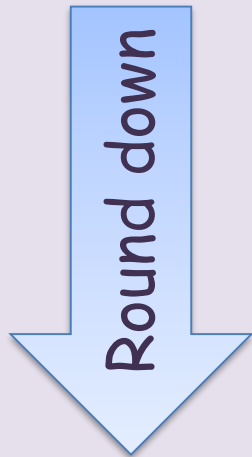
Round down

Round **down** when the tens are 0, 10, 20, 30 or 40.

E.g. 1**2**4 = 100

7**2**1 = 700

100	**110**	**120**	**130**	**140**	150	160	170	180	190	200

Rounding to the nearest 100

H	T	O
1	8	2

Round **up** when the tens are 50, 60, 70, 80 or 90

E.g. 182 = 200

497 = 500
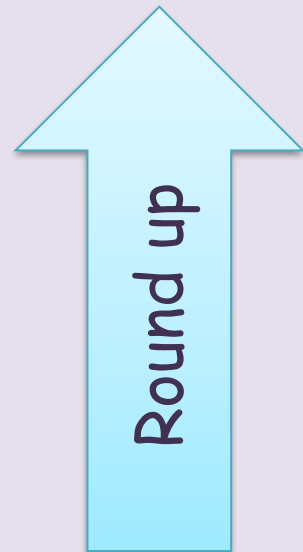
Round up

100	**110**	**120**	**130**	**140**	150	160	170	180	190	200

Rounding to the nearest 100

134

Round down

| **100** | **110** | **120** | **130** | **140** | 150 | 160 | 170 | 180 | 190 | 200 |

Rounding to the nearest 100

174

Round up

| 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 190 | 200 |
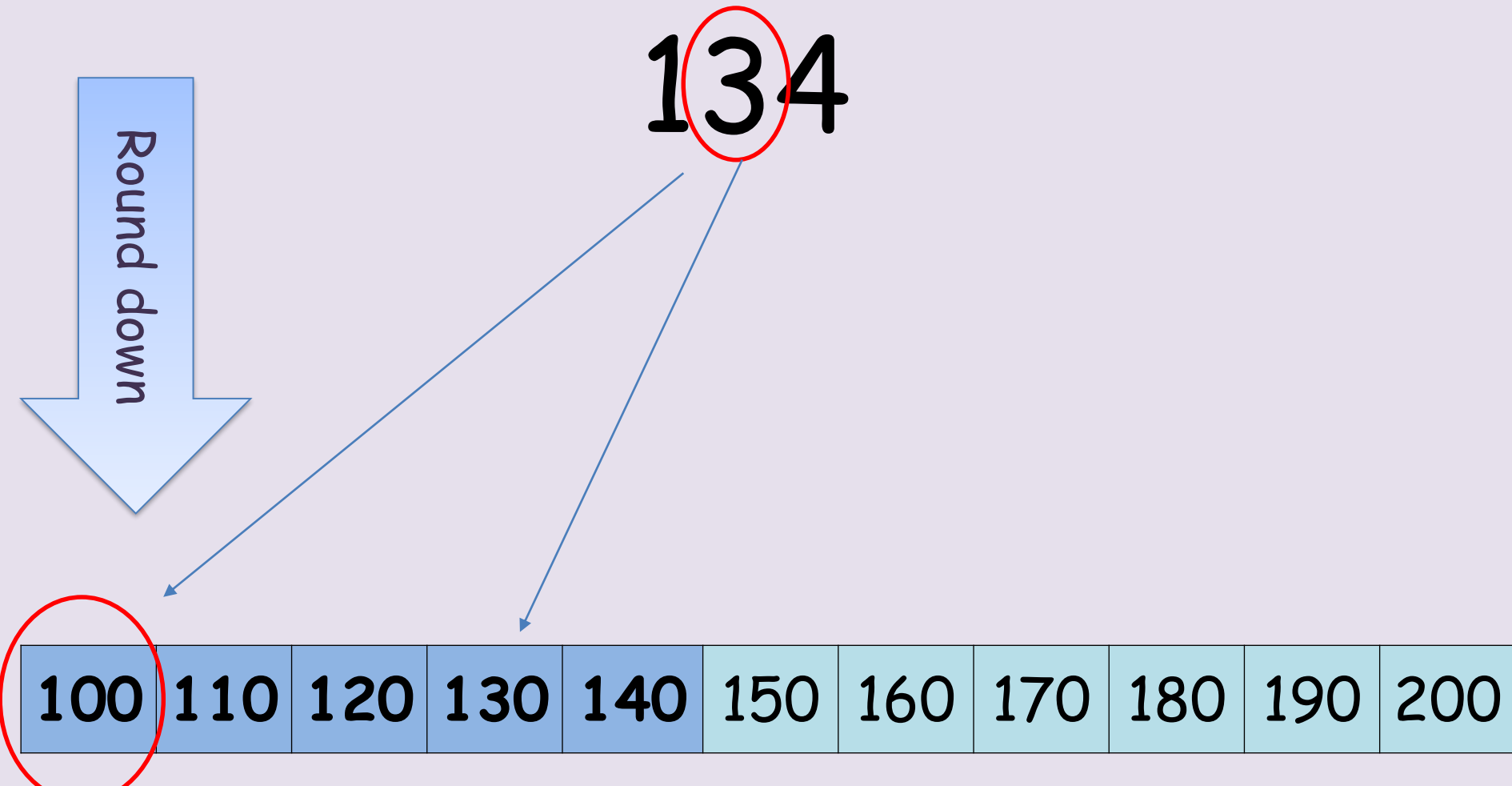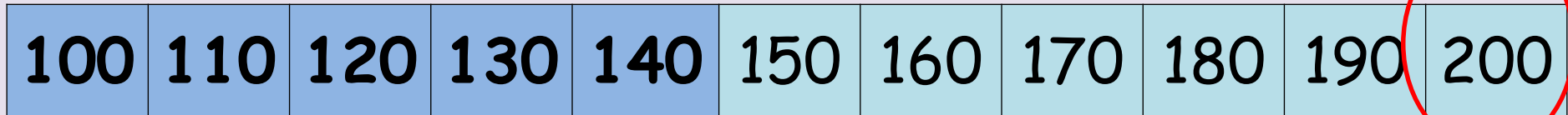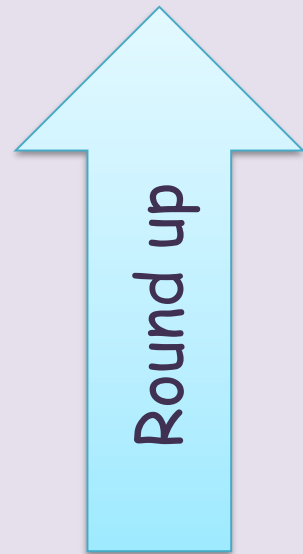
Group 2

Rounding numbers to the nearest 10 and 100

With or without the number line to support

https://www.topmarks.co.uk/maths-games/rocket-rounding
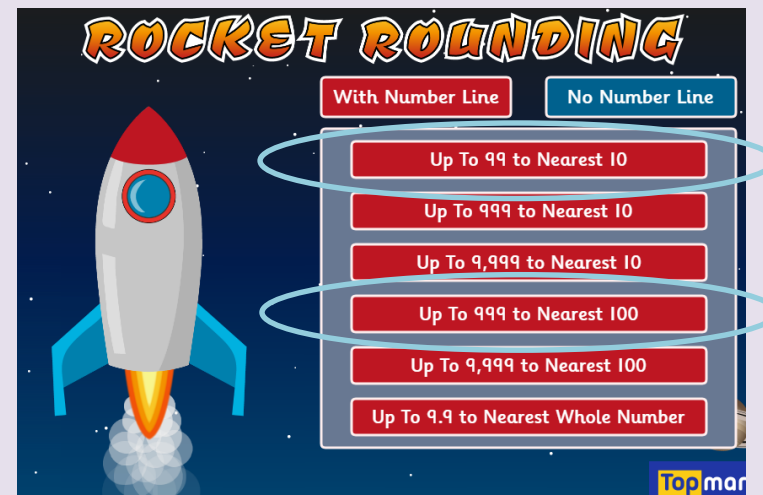
Group 3

Rounding numbers to the nearest 10 and 100

With or without the number line to support

https://www.topmarks.co.uk/maths-games/rocket-rounding