Year 4—Decimals—Lesson 7 rounding decimals on a number line.

Round 4.2 to the nearest whole number.

4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0

4.2 rounded to the nearest whole number = 4

Round 18.7 to the nearest whole number.

18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	19.0

18.7 rounded to the nearest whole number = 19

Round 9.5 to the nearest whole number.

9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0

9.5 rounded to the nearest whole number = 10

Draw your own number line to round these decimal numbers

Round 28.2 to the nearest whole number.

28.2 rounded to the nearest whole number = 28

Round 15.9 to the nearest whole number.

15.9 rounded to the nearest whole number = 16

I measured the height of 10 children. Their heights are below in centimetres.

I need to sort the children into those who have a height that rounds to 110cm and those that have a height that round to 111 cm.

110.0	110.1	110.2	110.3	110.4	110.5	110.6	110.7	110.8	110.9	111.0

Name	Height (cm)
Matt	110.9
Michelle	110.5
Cat	110.2
Pearce	110.7
Becky	110.7
Sophie	110.1
Tom	110.3
Kathryn	110.6
Matt	110.6
Rob	110.9

Height rounds to 110 cm	Height round to 111 cm
Cat	Matt
Sophie	Michelle
Tom	Pearce
	Becky
	Kathryn
	Matt
	Rob