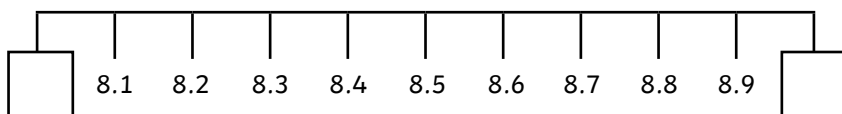
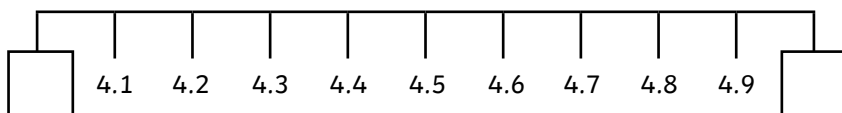
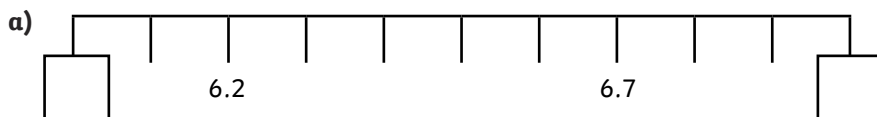




1) Complete the number lines by writing the missing integers.



2) Complete the number lines and statements to describe how the numbers are rounded.

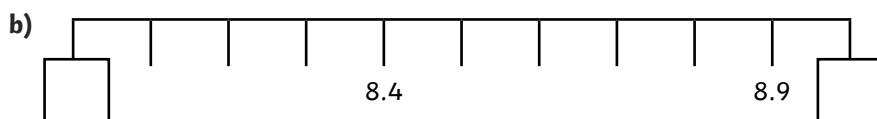


6.2 is closer to 6 than 7.

6.2 rounds to 6 to the nearest whole number.

6.7 is closer to _____ than _____.

6.7 rounds to _____ to the nearest whole number.

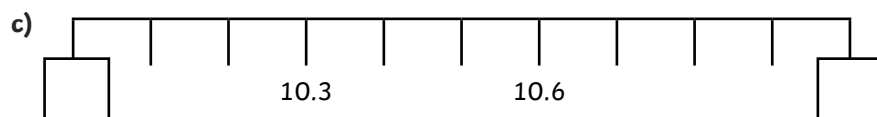


_____ is closer to _____ than _____.

_____ rounds to _____ to the nearest whole number.

_____ is closer to _____ than _____.

_____ rounds to _____ to the nearest whole number.



_____ is closer to _____ than _____.

_____ rounds to _____ to the nearest whole number.

_____ is closer to _____ than _____.

_____ rounds to _____ to the nearest whole number.

3) Draw your own number lines to round these numbers to the nearest whole number.

Complete this sentence for each one:

_____ rounds to _____ to the nearest whole number.

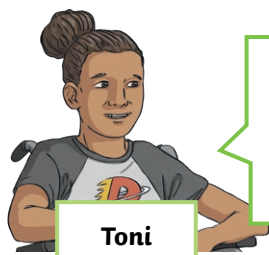
a) 7.4

b) 6.8

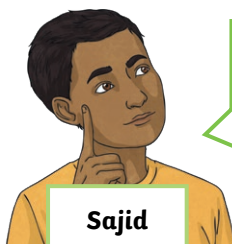
c) 13.5



1) Toni and Sajid are rounding 2.5 to the nearest whole number.



2.5 rounds to 3 to the nearest whole number.



2.5 rounds to 2 to the nearest whole number.

Who is correct? Explain how you know who has rounded 2.5 correctly.

2) Jude is thinking of a number with one decimal place. Rounded to the nearest whole number, the number is 5.

a) Tick which of these could be Jude's number:

4.5 5.4 4.4 5.5 5.1

b) Explain why you think these numbers round to 5.

c) Write one other number with one decimal place which would round to 5.

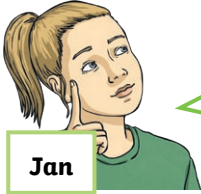
3) When a number with one decimal place is rounded to the nearest whole number, it rounds to 13.



The number won't have a 5 as the tenths digit.

Explain why Joe is wrong and give an example to prove this.

1)



Jan

A number with one decimal place is rounded to 28.



a) What is the smallest possible number that Jan could be thinking of? Explain how you know.

b) What is the largest possible number that Jan could be thinking of? Explain how you know.

2) Here are the results of how far a group of children could hit a ball with a bat:

Name	Distance
Trixie	9.6m
Jayden	6.3m
Kiran	8.8m
Izaak	4.5m
Willow	



The children's individual throws are rounded to the nearest whole number.

When the rounded numbers are added together, the total distance thrown is 37m.

a) Write all the possible distances that Willow could have thrown. Explain how you know.

b) Willow's throw is greater than Jayden's throw but less than Kiran's throw. Is this true or false?
