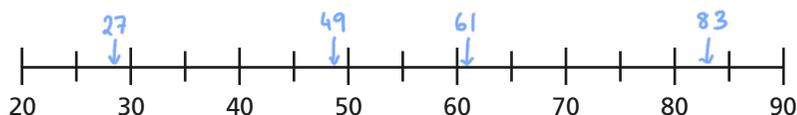


# Round decimals

1 Here are some number cards.



a) Draw arrows to estimate the position of the numbers on the number line.



b) Use the numbers to complete the sentences.

$49$  is closer to 50 than 40

$27$  is closer to 30 than 20

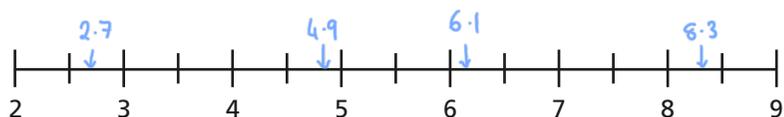
$83$  is closer to 80 than 90

$61$  is closer to 60 than 70

2 Here are some number cards.



a) Draw arrows to estimate the position of the numbers on the number line.



b) Use the numbers to complete the sentences.

$4.9$  is closer to 5 than 4

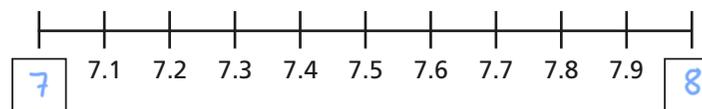
$2.7$  is closer to 3 than 2

$8.3$  is closer to 8 than 9

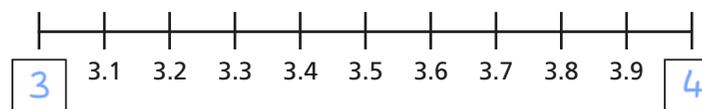
$6.1$  is closer to 6 than 7

3 Fill in the integers on the number lines.

a)



b)



4 Which integers do the numbers lie between?

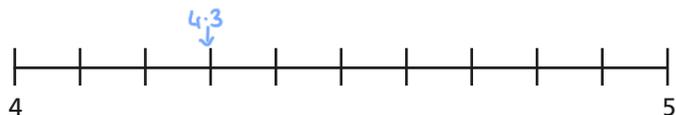
Fill in the boxes to make the statements correct.

a)  $1 < 1.4 < 2$

b)  $34 < 34.8 < 35$

c)  $0 < 0.7 < 1$

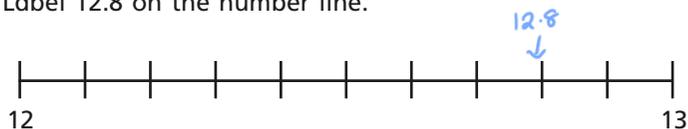
- 5 a) Label 4.3 on the number line.



Is it closer to 4 or 5?

4

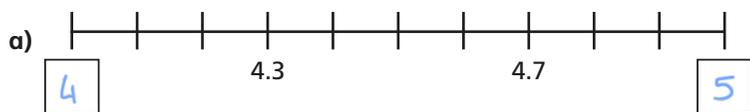
- b) Label 12.8 on the number line.



Is it closer to 12 or 13?

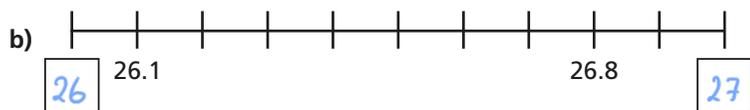
13

- 6 Complete the number lines and sentences.



4.3 is closer to 4 than 5

4.7 is closer to 5 than 4



26.1 is closer to 26 than 27

26.8 is closer to 27 than 26

- 7 Which numbers **round up** to the nearest whole number?

Circle your answers.

4.1    2.8    0.7    12.3    0.5    99.3

- 8 Round each decimal to the nearest whole number.

a) 1.8    2

e) 13.7    14

b) 4.2    4

f) 20.1    20

c) 0.9    1

g) 0.4    0

d) 1.5    2

h) 99.8    100

- 9 Ron is rounding 8.2 to the nearest whole number.



Because 2 tenths is less than 5 tenths, the number rounds down to 7

Do you agree with Ron? No

Explain your answer.

- 10 Tommy is thinking of a number that has one decimal place.

When he rounds his number to the nearest whole, the answer is 32

What number could Tommy be thinking of?

eg. 32.1

Are there any other answers?