1 Which number is greater?

T	O	Tth	Hth
	1 1	0.1 0.1 0.1	0.01 0.01 0.01 0.01 0.01

T	O	Tth	Hth
	1 1 1 1 1 1		0.01 0.01
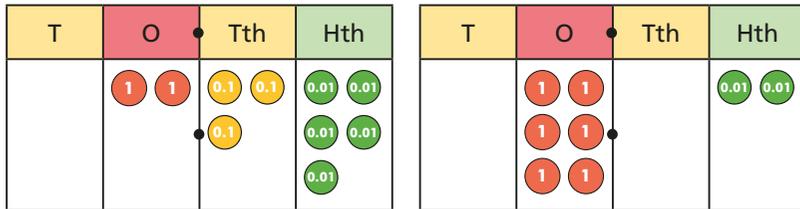
Explain your answer.

2 Which is the smaller number?

T	O	Tth	Hth
10	1 1 1 1	0.1 0.1 0.1	0.01 0.01 0.01 0.01 0.01

T	O	Tth	Hth
10	1 1 1 1	0.1 0.1 0.1 0.1 0.1 0.1	
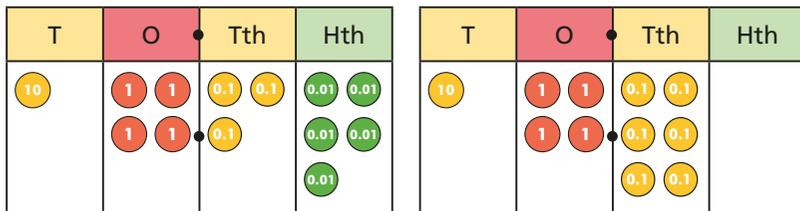
Explain your answer.

3 Use place value counters to make each of the numbers.

4.13	4.08	5.1

a) Which is the greatest number?

b) Which is the smallest number?

How do you know?

4 Here are some numbers in a place value chart.

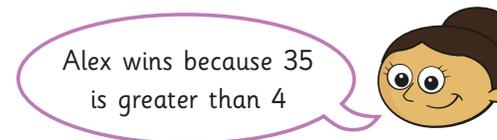| Ones	Tenths	Hundredths	Thousandths
3	2	3	4
3	1	6	
3	2	0	8
3	1	4	5

Write the numbers in order, starting with the greatest.

5 Mo, Amir, Ron, Teddy and Jack are measuring their heights with a metre rule.

Mo	Amir	Ron	Teddy	Jack
1.35 m	1.53 m	1.32 m	1.3 m	1.5 m

Write the names and heights of the children in order from shortest to tallest.

6 Alex and Dora are competing in the long jump.

Alex jumps 1.35 metres and Dora jumps 1.4 metres.

> Alex wins because 35 is greater than 4
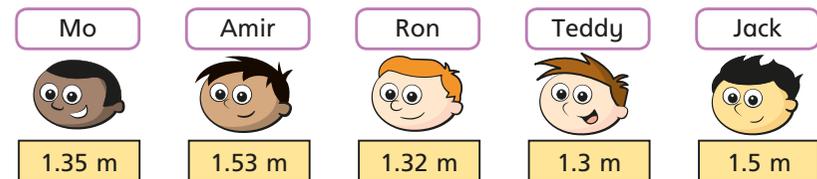
a) Is Dora correct?

Talk about it with a partner.

b) Kim joins in the competition.

What is the shortest distance she can jump to go into the lead?

4 Here are some numbers in a place value chart.

Ones		Tenths	Hundredths	Thousandths
3	•	2	3	4
3	•	1	6	
3	•	2	0	8
3	•	1	4	5

Write the numbers in order, starting with the greatest.

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> Alex wins because 35 is greater than 4

a) Is Dora correct?

Talk about it with a partner.

b) Kim joins in the competition.

What is the shortest distance she can jump to go into the lead?

7 Write the numbers in ascending order.

a) 0.45 0.654 0.546 0.405

b) 7.2 kg 7.212 kg 7.21 kg

c) 25.391 25.309 25.093 25.193

8 Dexter is thinking of a number.

> It is a decimal number with 2 decimal places that is greater than 2.47 but less than 2.58

What possible numbers could Dexter be thinking of?

9 Tick the numbers that are equal to 2.5

Circle the numbers that are greater than 2.5

You will need to convert the mixed numbers to decimal numbers first.

2.05	$2\frac{5}{10}$	$2\frac{1}{2}$
$2\frac{5}{100}$	2.53	$2\frac{3}{5}$
2.501	$2\frac{80}{100}$	$2\frac{3}{10}$