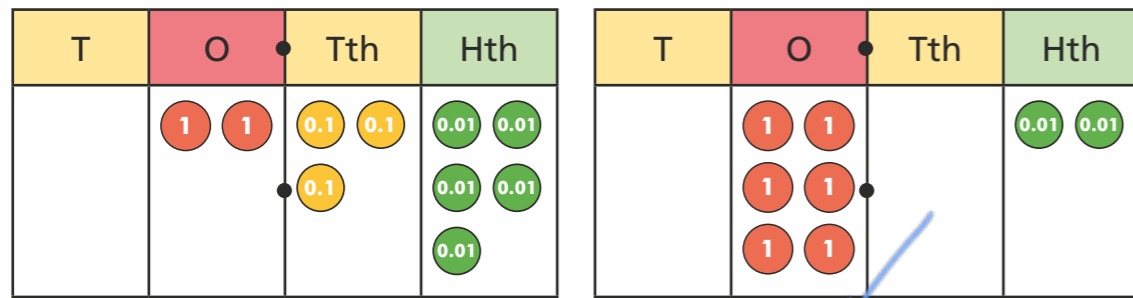


# Order and compare decimals

1 Which number is greater?

Tick your answer.

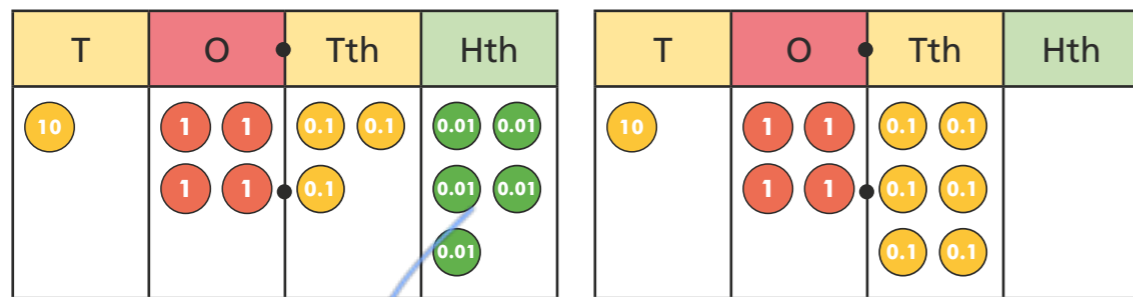


Explain your answer.

It has more ones.

2 Which is the smaller number?

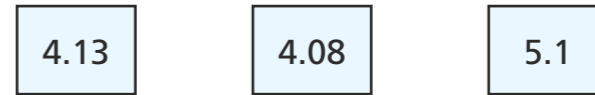
Tick your answer.



Explain your answer.

It has fewer tenths.

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



a) Which is the greatest number?

5.1

b) Which is the smallest number?

4.08

How do you know?

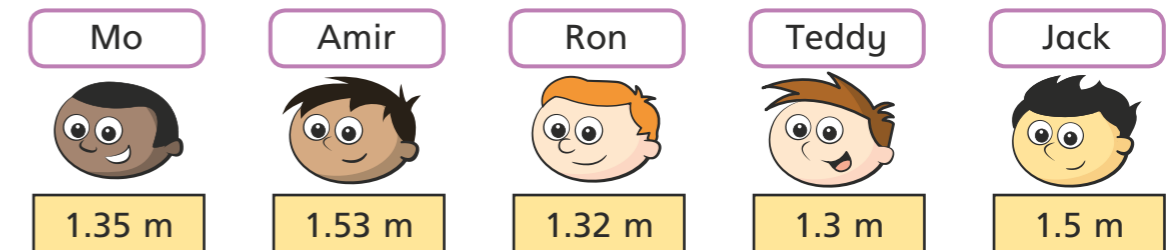
4 Here are some numbers in a place value chart.

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.



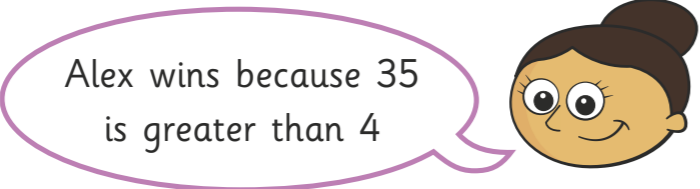
5 Mo, Amir, Ron, Teddy and Jack are measuring their heights with a metre rule.



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

Name	Height
Teddy	1.3m
Ron	1.32m
MO	1.35m
Jack	1.5m
Amir	1.52m

- 6 Alex and Dora are competing in the long jump.  
Alex jumps 1.35 metres and Dora jumps 1.4 metres.



- a) Is Dora correct? No

Talk about it with a partner.

- b) Kim joins in the competition.

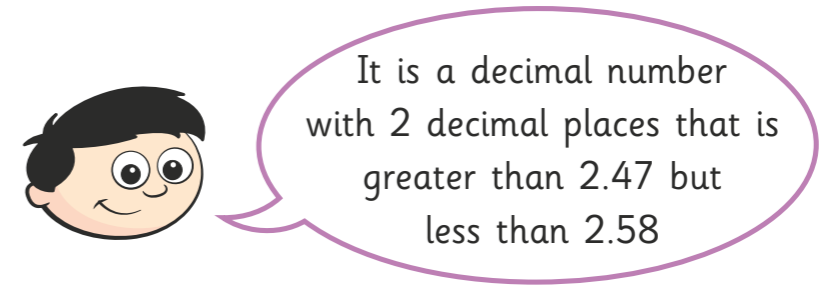
What is the shortest distance she can jump to go into the lead?

1.41m

- 7 Write the numbers in ascending order.

- a) 0.45      0.654      0.546      0.405
- |       |      |       |       |
|-------|------|-------|-------|
| 0.405 | 0.45 | 0.546 | 0.654 |
|-------|------|-------|-------|
- b) 7.2 kg      7.212 kg      7.21 kg
- |       |        |         |
|-------|--------|---------|
| 7.2kg | 7.21kg | 7.212kg |
|-------|--------|---------|
- c) 25.391      25.309      25.093      25.193
- |        |        |        |        |
|--------|--------|--------|--------|
| 25.093 | 25.193 | 25.309 | 25.391 |
|--------|--------|--------|--------|

- 8 Dexter is thinking of a number.



What possible numbers could Dexter be thinking of?

2.48, 2.49, 2.50, 2.51, 2.52, 2.53, 2.54, 2.55, 2.56, 2.57

- 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            | $2\frac{80}{100}$ | $2\frac{3}{10}$  |

