

Three Decimal Places

1a. Sort the numbers into the table.

2.51	2.05	2.91	2.11
------	------	------	------

	> 2.5	< 2.5
value > 2 in hundredths column		
value < 2 in hundredths column		

Are there any empty boxes?
Explain why.



R

Three Decimal Places

1b. Sort the numbers into the table.

0.99	1.09	10.01	1.19
------	------	-------	------

	> 1	< 1
value > 8 in hundredths column		
value < 8 in hundredths column		

Are there any empty boxes?
Explain why.



R

2a. Barney is thinking of a number.



My number has
2 decimal places.

The hundredths value is
< 2.

It is a number between
4.56 and 5.03

What could Barney's number be?
Find four possibilities.



PS

2b. Jessica is thinking of a number.



My number is between
20 and 21 and it has 2
decimal places.

The tenths digit is larger
than the hundredths.

The hundredths digit is >
3.

What could Jessica's number be?
Find four possibilities.



PS

3a. Which is the odd one out?

A

Five ones,
two tenths
and five
hundredths

B

Five point
five two

C

5.25

Give the number in digits and explain
your answer.



R

3b. Which is the odd one out?

A

24.07

B

Twenty
four and
seven
tens

C

Twenty
four point
zero
seven

Give the number in digits and explain
your answer.



R

Three Decimal Places

4a. Sort the numbers into the table.

1.901

1.665

1.799

1.909

> 1.856

< 1.856

value > 8 in
tenths column

value < 8 in
tenths column

Are there any empty boxes?
Explain why.



R

Three Decimal Places

4b. Sort the numbers into the table.

9.609

8.655

9.906

8.609

> 8.7

< 8.7

value > 7 in
tenths column

< 70 hundredths

Are there any empty boxes?
Explain why.



R

5a. Ollie is thinking of a number.

My number has
3 decimal places.

The hundredths digit is > 4.

It is between 2.87 and
2.843

The thousandths digit is
greater than the ones digit.



What could Ollie's number be?
Find eight possibilities.



PS

5b. Abbie is thinking of a number.

My number has
3 decimal places.

The hundredths column
has a zero value.

My number is between
5.939 and 5.838.



What could Abbie's number be?
Find eight possibilities.



PS

6a. Which is the odd one out?

A

7 ones, 3
hundredths and
9 thousandths

B

seven ones and
three hundredths
and nine
thousandths

C

Seven point
zero three nine

D

7,039

Give the number in digits and explain
your answer.



R

6b. Which is the odd one out?

A

Two tens, four
hundredths and
seven
thousandths

B

Twenty point
zero,4,7

C

Twenty plus
forty seven
thousandths

D

20.47

Give the number in digits and explain
your answer.



R

Three Decimal Places

7a. Sort the numbers into the table.

5.057

5.073

5.9

5.007

> 5.069

< 5.069

Number > 504
hundredths

Number < 5,040
thousandths

Are there any empty boxes?
Explain why.



R

Three Decimal Places

7b. Sort the numbers into the table.

0.787

0.599

0.955

0.588

> 0.679

< 0.679

Number > 60
hundredths

Number <
600 thousandths

Are there any empty boxes?
Explain why.



R

8a. Mairi is thinking of a number.

My number has
3 decimal places.

It has more than 70
hundredths.

It is between 9 and 8.843

The thousandth digit is
greater than the ones digit.



What could Mairi's number be?
Find ten possibilities.



PS

8b. Hakeem is thinking of a number.

My number has
1 decimal place.

It has more than 20
hundredths.

It is between
8.035 and 10.536



What could Hakeem's number be?
Find ten possibilities.



PS

9a. Which is the odd one out?

A

45 tenths and
29 thousandths

B

4 point 5, 2, 9

C

Forty five point
2, 9

D

4.529

Give the number in digits and explain
your answer.



R

9b. Which is the odd one out?

A

23.054

B

Twenty three
point five four

C

Two tens, three
ones, five
hundredths and
four thousandths

D

Two hundred
and thirty tenths
and fifty four
thousandths

Give the number in digits and explain
your answer.



R