

## Thursday Yellow challenge

Rosie is using this place value chart to make numbers.

| Ones | Tenths |
|------|--------|
|      |        |



She uses all 8 counters each time.  
Complete the sentences.

- The smallest number possible is
- The greatest number possible is
- A number between 3 and 4 is
- The closest possible number to 5 is

Match the written numbers to the place value charts.

one tenth

twenty-one tenths

twelve tenths

ten tenths

| Ones | Tenths |
|------|--------|
| 1    | 2      |

| Ones | Tenths |
|------|--------|
| 2    | 1      |

| Ones | Tenths |
|------|--------|
| 1    | 0      |

| Ones | Tenths |
|------|--------|
| 0    | 1      |



Six tenths added to four tenths makes ten tenths, which is a whole.

How many other ways can you make a whole from tenths?

Tommy has Draw the counters on the place value chart to match Oscar's description.

| Ones | tenths |
|------|--------|
|      |        |

- What number does this represent?
- Draw counters to represent what is Oscar's number?

There are 9 counters on the left of the decimal point and 2 less counters than this on the right the decimal point.



| Ones | tenths |
|------|--------|
|      |        |

Explain and correct the mistake.

| Ones  | tenths                  | There are 3 ones and 12 tenths. This represents 3.12. |
|-------|-------------------------|---|
| ● ● ● | ● ● ● ● ● ● ● ● ● ● ● ● | <hr/> <hr/> <hr/>                                     |

Explain which one is the odd one out and why.

**A**  
6.1

**B**  
6 ones and 1 tenth

**C**

**D**

| Ones      | tenths |
|-----------|--------|
| ● ● ● ● ● | ●      |

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