Answers

- What numbers are the arrows pointing to?

A = 300   B = 700

0 — 300 — 500 — 700 — 800 — 1,000

C = 50   D = 750

0 — 50 — 100 — 500 — 700 — 750 — 800 — 1,000
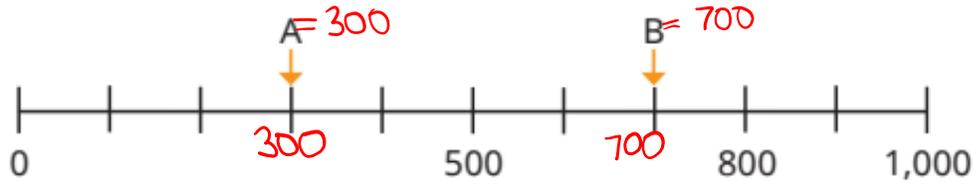
- Label 200 and 750 on the number line.

750

X ... X

0 — 200 — 700 — 800 — 1,000
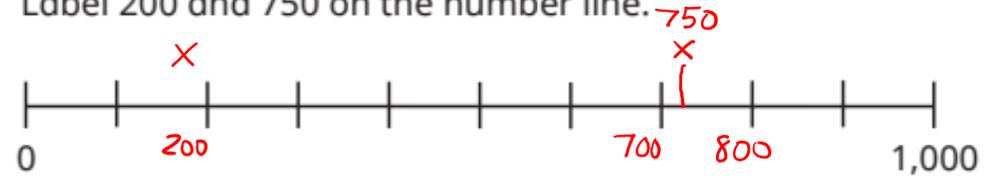
- Label 680 on the number line.

680

600 — 650 — 675 — 700
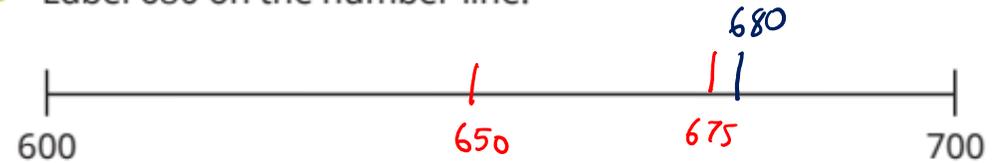
- Complete the sentences for each number line.

Label the number lines.

A

1 2 3 4 5 6 7 8 9 10

0 — 100 — 200 — 300 — 400 — 500 — 600 — 700 — 800 — 900 — 1,000

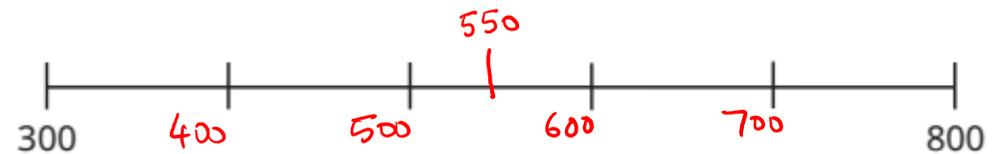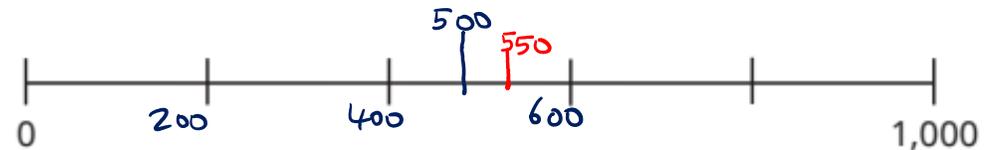B

1 2 3 4 5

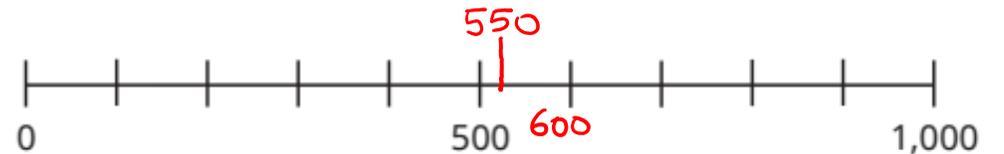0 — 200 — 400 — 600 — 800 — 1,000
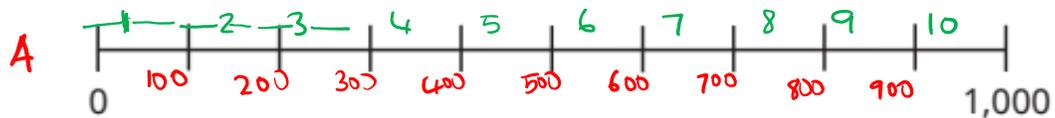
The difference in value between the start and the end of the number line is **1000**

A There are **10** intervals.   B There are **5** intervals.

$1000 \div 10 = 100$ $1000 \div 5 = 200$

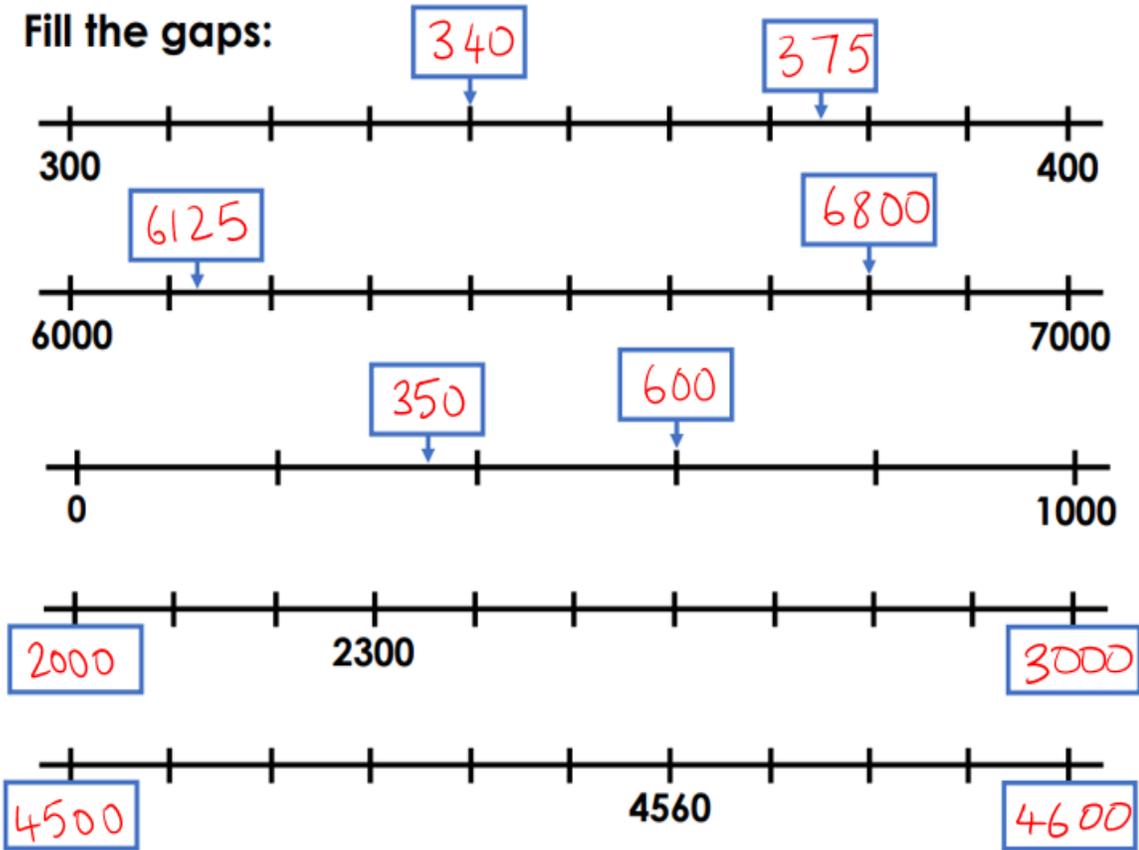- Draw an arrow to show the position of 550 on each number line.

550

0 — 500 — 600 — 1,000

500   550

0 — 200 — 400 — 600 — 1,000

550

300 — 400 — 500 — 600 — 700 — 800

e?

Answers

Challenge 1

Fill the gaps:

340

375

```
+--+--+--+--+--+--+--+--+--+--+
300                          400
```

6125

6800

```
+--+--+--+--+--+--+--+--+--+--+
6000                        7000
```

350

600

```
+--+--+--+--+--+--+--+--+--+--+
0                          1000
```

2000   2300   3000

```
+--+--+--+--+--+--+--+--+--+--+
```

4500   4560   4600

```
+--+--+--+--+--+--+--+--+--+--+
```

Challenge 2

Different Ways

Make different **4-digit numbers** using the digits **0, 1, 2 and 4**. Position your numbers accurately on the number line.

0   1   2   4


```
        1420   2014   2401              4012
+---------|------|------|---------|-------|-------+
0        1000         2000      3000    4000    5000
```

1024	2014 ✓	4012 ✓
1042	2041	4021
1204	2140	4120
1240	2104	4102
1402	2410 ✓	4201
1420 ✓	2401	4210