1)

Smallest Possible Number		Greatest Possible Number
564 573	564 572 < ☐ < 565 572	565 571
1 344 125	1 346 125 > ☐ > 1 344 124	1 346 124
9 968 247	9 968 246 < ☐ < 9 978 246	9 978 245

2) 3 218 356 or 3 217 358

3)

a)	b)
6 426 192	6 505 613
5 642 913	6 505 612
4 951 914	6 418 956
4 891 195	5 418 967
4 890 196	5 417 989

1) Emily is incorrect. The largest possible answer is 1 262 412, which would require one less counter.

2) a)

Numbers between 5.5 million and 6.5 million	Numbers between 550 000 and 650 000	Numbers between and
6 489 564	559 600	_____
6 299 956	599 600	_____
5 946 564	589 564	_____
5 642 956	649 560	_____

b) Rhys is incorrect because, if he uses this statement, the numbers between 5.5 million and 6.5 million would also need to be included in this column – but each number can only be written once.

3) Accept any correct statement, such as numbers greater than 6 500 000.

1) Anna - 960 000

Ranjit - 910 000

Faheen - 28 800

Eli - 1 010 000

2) Accept ten different values that are greater than 1 000 000.

The greatest difference possible is 6 419 754.

The smallest difference possible is 1.

Other answers will vary depending on which numbers the children create.