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 <	9 978 245



2) 3 218 356 or 3 217 358

3)	α)	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)

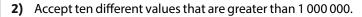
Numbers between 5.5 million and 6.5 million	Numbers between 550 000 and 650 000	Numbers between and
6 489 564	559 600	
6 299 956	599 600	
5 946 564	589 564	
5 642 956	649 560	

- **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



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.



