

# Numbers to 1,000,000

1a. Jay has partitioned 251,642 using a place value chart. Explain his mistake.

HTh	TTh	Th	H	T	O
●●	●● ●●	●● ●● ●●	●	●● ●● ●	●●

R

1b. Elise has partitioned 743,614 using a place value chart. Explain her mistake.

HTh	TTh	Th	H	T	O
●● ●● ●● ●	●● ●●	●● ●●	●● ●● ●●	●	●● ●●

R

2a. Is the number that is represented on the chart written correctly?

Prove it.

100,000	200,000	300,000
10,000	20,000	30,000
1,000	2,000	3,000
100	200	300
10	20	30
1	2	3

23,1032

R

2b. Is the number that is represented on the chart written correctly?

Prove it.

400,000	500,000	600,000
40,000	50,000	60,000
4,000	5,000	6,000
400	500	600
40	50	60
4	5	6

64,645

R

3a. I have 3 counters. Find 5 possible 6-digit numbers I could make.

HTh	TTh	Th	H	T	O

PS

3b. I have 4 counters. Find 5 possible 6-digit numbers I could make.

HTh	TTh	Th	H	T	O

RPS

## Numbers to 1,000,000

**1a.** Jay has started at the opposite end of the place value chart and represented the digits in reverse order.

**1b.** Elise has put 4 counters in the 'Thousands' column instead of 3.

**2a.** It is incorrect because the comma is in the wrong place and should be between the thousands and hundreds digit.

**2b.** It is incorrect because the place holder is missing to show there are no thousands, so the number only has 5 digits instead of 6.

**3a.** Various answers where the sum of the digits equals 3, for example:

210,000

201,000

200,100

111,000

100,002

**3b.** Various answers where the sum of the digits equals 4, for example:

400,000

310,000

110,011

201,100

220,000