

Place value: Adding and Subtracting 10,000 and 100,000

1 *Video Questions: Adding in steps of 10,000 and 100,000*

$$\begin{array}{r} a \quad 8976347 \\ + 10,000 \\ + 10,000 \\ + 10,000 \end{array}$$

$$\begin{array}{r} b \quad 8953821 \\ + 100,000 \end{array}$$

$$\begin{array}{r} c \quad 9953821 \\ + 100,000 \end{array}$$

$$\begin{array}{r} d \quad 1217534 \\ - 10,000 \\ - 10,000 \\ - 10,000 \end{array}$$

$$\begin{array}{r} e \quad 10053821 \\ - 100,000 \end{array}$$

Place value: Adding and Subtracting 10,000 and 100,000

2 For each of these numbers, add 10,000 to the previous one

For example 1 3 4 5 7 0

+ 10,000 1 4 4 5 7 0

+ 10,000 1 5 4 5 7 0

+ 10,000 1 6 4 5 7 0

+ 10,000 1 7 4 5 7 0

a 6 5 9 3 1 1

+ 10,000

+ 10,000

+ 10,000

b 7 1 8 4 3 0

+ 10,000

+ 10,000

+ 10,000

c 9 8 5 1 0 7

+ 10,000

+ 10,000

+ 10,000

+ 10,000

3 For each of these numbers, add 100,000 to the previous one

a 3 6 8 1 2 0 8

+ 100,000

+ 100,000

+ 100,000

b 7 5 0 2 7 1 4

+ 100,000

+ 100,000

+ 100,000

c 3 8 9 1 5 3 0

+ 100,000

+ 100,000

+ 100,000

Place value: Adding and Subtracting 10,000 and 100,000

4 For each of these numbers, subtract 10,000 to the previous one

For example 6 7 8 1 5 0

- 10,000 6 6 8 1 5 0

- 10,000 6 5 8 1 5 0

- 10,000 6 4 8 1 5 0

- 10,000 6 3 8 1 5 0

a 9 9 4 6 2 9

- 10,000

- 10,000

- 10,000

b 2 5 8 3 8 2

- 10,000

- 10,000

- 10,000

c 1 3 6 3 9 9

- 10,000

- 10,000

- 10,000

- 10,000

5 For each of these numbers, subtract 100,000 to the previous one

a 3 7 2 2 6 8 1

- 100,000

- 100,000

- 100,000

b 2 5 0 8 7 4 4

- 100,000

- 100,000

- 100,000

c 9 2 9 1 9 3 9

- 100,000

- 100,000

- 100,000

Place value: Adding and Subtracting 10,000 and 100,000

6 *Challenge: For each of these numbers, add or subtract the given number from the previous one*

a 8 6 9 4 3 3 0 7

+ 10,000

+ 10,000

+ 10,000

b 4 7 8 3 2 9 7 7 8

- 10,000

- 10,000

- 10,000

c 5 4 8 9 1 0 3 3 3

+ 100,000

+ 100,000

+ 100,000

d 6 6 7 0 2 5 4 2 8

- 100,000

- 100,000

+ 10,000

e 9 8 3 9 0 3 9 1 4

+ 100,000

- 10,000

+ 100,000

f 9 8 9 9 0 3 9 1 4

+ 100,000

- 10,000

+ 100,000

Place value: Adding and Subtracting 10,000 and 100,000 (Solutions)

2 For each of these numbers, add 10,000 to the previous one

For example 134570

+ 10,000 144570

+ 10,000 154570

+ 10,000 164570

+ 10,000 174570

a 659311

+ 10,000 669311

+ 10,000 679311

+ 10,000 689311

b 718430

+ 10,000 728430

+ 10,000 738430

+ 10,000 748430

c 985107

+ 10,000 995107

+ 10,000 1005107

+ 10,000 1015107

+ 10,000 1025107

3 For each of these numbers, add 100,000 to the previous one

a 3681208

+ 100,000 3781208

+ 100,000 3881208

+ 100,000 3981208

b 7502714

+ 100,000 7602714

+ 100,000 7702714

+ 100,000 7802714

c 3891530

+ 100,000 3991530

+ 100,000 4091530

+ 100,000 4191530

Place value: Adding and Subtracting 10,000 and 100,000 (Solutions)

4 For each of these numbers, subtract 10,000 to the previous one

For example	6 7 8 1 5 0	a	9 9 4 6 2 9	b	2 5 8 3 8 2	c	1 3 6 3 9 9
- 10,000	6 6 8 1 5 0	- 10,000	9 8 4 6 2 9	- 10,000	2 4 8 3 8 2	- 10,000	1 2 6 3 9 9
- 10,000	6 5 8 1 5 0	- 10,000	9 7 4 6 2 9	- 10,000	2 3 8 3 8 2	- 10,000	1 1 6 3 9 9
- 10,000	6 4 8 1 5 0	- 10,000	9 6 4 6 2 9	- 10,000	2 2 8 3 8 2	- 10,000	1 0 6 3 9 9
- 10,000	6 3 8 1 5 0					- 10,000	0 9 6 3 9 9

5 For each of these numbers, subtract 100,000 to the previous one

a	3 7 2 2 6 8 1	b	2 5 0 8 7 4 4	c	9 2 9 1 9 3 9
- 100,000	3 6 2 2 6 8 1	- 100,000	2 4 0 8 7 4 4	- 100,000	9 1 9 1 9 3 9
- 100,000	3 5 2 2 6 8 1	- 100,000	2 3 0 8 7 4 4	- 100,000	9 0 9 1 9 3 9
- 100,000	3 4 2 2 6 8 1	- 100,000	2 2 0 8 7 4 4	- 100,000	8 9 9 1 9 3 9

Place value: Adding and Subtracting 10,000 and 100,000 (Solutions)

6 *Challenge: For each of these numbers, add or subtract the given number from the previous one*

a 8 6 9 4 3 3 0 7

+ 10,000 8 6 9 5 3 3 0 7

+ 10,000 8 6 9 6 3 3 0 7

+ 10,000 8 6 9 7 3 3 0 7

b 4 7 8 3 2 9 7 7 8

- 10,000 4 7 8 3 1 9 7 7 8

- 10,000 4 7 8 3 0 9 7 7 8

- 10,000 4 7 8 2 9 9 7 7 8

c 5 4 9 9 1 0 3 3 3

+ 100,000 5 5 0 0 1 0 3 3 3

+ 100,000 5 5 0 1 1 0 3 3 3

+ 100,000 5 5 0 2 1 0 3 3 3

d 6 6 7 0 2 5 4 2 8

- 100,000 6 6 6 9 2 5 4 2 8

- 100,000 6 6 6 8 2 5 4 2 8

+ 10,000 6 6 6 8 3 5 4 2 8

e 9 8 3 9 0 3 9 1 4

+ 100,000 9 8 4 0 0 3 9 1 4

- 10,000 9 8 3 9 9 3 9 1 4

+ 100,000 9 8 4 0 9 3 9 1 4

f 9 8 9 9 0 3 9 1 4

+ 100,000 9 9 0 0 0 3 9 1 4

- 10,000 9 8 9 9 9 3 9 1 4

+ 100,000 9 9 0 0 9 3 9 1 4