

# Explain the mistakes

## Mistake 1

$$12.4 + 6.35$$

$$18.39$$

## Mistake 2

$$12.4 + 6.35$$

$$\begin{array}{r} 12.4 \\ + 6.35 \\ \hline 7.59 \\ \hline \end{array}$$

## Investigate

$$\blacksquare \blacksquare + \blacksquare \blacksquare = \blacksquare \blacksquare \blacksquare$$

Stage 1: complete using digits 0-9

Stage 2: complete using digits 1, 2, 3, 5, 6, 7, 9

How many ways?

**Complete using digits 1-9. Use the 7 as shown.**

$$\blacksquare \blacksquare = \blacksquare + \blacksquare + \blacksquare + \blacksquare$$

Level 1: I can find a way

Level 2: I can find different ways

Level 3: I know how many ways there are

# Missing Numbers 4-Digit Addition (2)

Calculate the missing digits in these calculations.

1.

$$\begin{array}{r} \square 5 0 \square \\ + 2 \square 7 4 \\ \hline 1 0 9 8 2 \end{array}$$

2.

$$\begin{array}{r} 4 \square 2 \square \\ + \square 1 5 1 \\ \hline 1 3 2 8 0 \end{array}$$

3.

$$\begin{array}{r} 2 \square \square 5 \\ + 3 9 6 \square \\ \hline 6 7 5 1 \end{array}$$

4.

$$\begin{array}{r} 2 \square 3 4 \\ + \square 2 0 \square \\ \hline 5 1 3 7 \end{array}$$

5.

$$\begin{array}{r} \square 6 7 \square \\ + 3 \square 0 7 \\ \hline 6 6 7 9 \end{array}$$

6.

$$\begin{array}{r} 3 \square \square 7 \\ + \square 9 5 3 \\ \hline 8 7 4 0 \end{array}$$

7.

$$\begin{array}{r} \square 8 0 \square \\ + 2 3 \square 8 \\ \hline 1 2 1 5 9 \end{array}$$

8.

$$\begin{array}{r} 6 \square 4 0 \\ + \square 7 \square 2 \\ \hline 1 2 2 5 2 \end{array}$$

9.

$$\begin{array}{r} \square 8 6 8 \\ + 7 4 \square \square \\ \hline 1 7 3 6 4 \end{array}$$

10.

$$\begin{array}{r} 8 \square 2 1 \\ + \square 8 2 \square \\ \hline 1 2 2 4 7 \end{array}$$

11.

$$\begin{array}{r} \square 3 2 7 \\ + 1 \square \square 0 \\ \hline 8 2 0 7 \end{array}$$

12.

$$\begin{array}{r} 6 1 0 \square \\ + \square \square 8 9 \\ \hline 1 6 0 8 9 \end{array}$$

13.

$$\begin{array}{r} 9 \square 5 4 \\ + \square 5 1 \square \\ \hline 1 0 9 6 6 \end{array}$$

14.

$$\begin{array}{r} \square 4 \square 5 \\ + 4 \square 3 1 \\ \hline 1 2 9 0 6 \end{array}$$

15.

$$\begin{array}{r} \square 3 0 0 \\ + 6 1 \square \square \\ \hline 1 5 4 8 5 \end{array}$$

16.

$$\begin{array}{r} 9 0 \square 4 \\ + \square \square 2 2 \\ \hline 1 7 6 6 6 \end{array}$$

17.

$$\begin{array}{r} 1 \square 3 4 \\ + 3 7 \square \square \\ \hline 5 0 8 0 \end{array}$$

18.

$$\begin{array}{r} 7 4 \square 0 \\ + \square 5 5 \square \\ \hline 1 5 0 4 6 \end{array}$$

Question	Answer
1	8, 8, 4
2	1, 9, 9
3	7, 8, 6
4	9, 2, 3
5	3, 2, 0
6	7, 8, 4
7	9, 1, 5
8	5, 5, 1
9	9, 9, 6
10	4, 3, 6
11	6, 8, 8
12	0, 9, 9
13	4, 1, 2
14	8, 7, 4
15	9, 8, 5
16	4, 8, 6
17	3, 4, 6
18	9, 7, 6