mathskills4kids

Name: .... Class: ....

Addition: fill in the missing digits.

Fill in the missing digits in the following expressions.

1.

```
   2, 3 5 7
+ ?, 9 3 1
-----------
  11, 2 8 8
```

2.

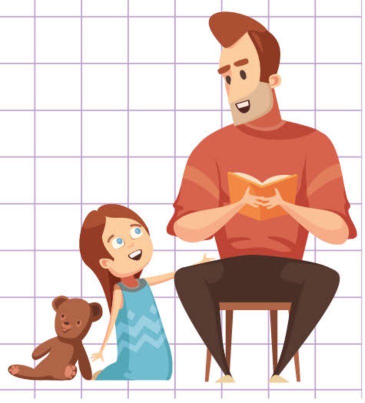
```
   3 6, 7 2 ?
+  5 2, ? 5 4
-------------
   8 9 5 8 3
```

3.

```
   1 8, ? 3 4
+  ? 0, 6 7 8
-------------
   3 9, 6 1 2
```

4.

```
      2 ? 7, 1 8 8
+ ?, 8 9 9, 6 7 2
------------------
  1 2, 8 7 0, 8 6 0
```



Solution

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Name: .... Class: ....

Addition: fill in the missing digits.

Fill in the missing digits in the following expressions.

1.

$$\begin{array}{r} 2,357 \\ +\ \boxed{?},931 \\ \hline \boxed{11,288} \end{array}$$

First of all let's start adding from the ones digits unstil we get to the mising digit.

Now, Let's think of a number that when we add to 2 plus the 1 carried from the hundreds column, we'll get 11 and we know that, 2 + 8 = 10 and 10 + 1 = 11

So, 8 is the missing digit.

$$\begin{array}{r} 2,357 \\ +\ \boxed{?},931 \\ \hline \boxed{11,288} \end{array} \longrightarrow \begin{array}{r} 2,357 \\ +\ \boxed{8},931 \\ \hline \boxed{11,288} \end{array}$$

2.

$$\begin{array}{r} 36,72\boxed{?} \\ +\ 52,\boxed{?}54 \\ \hline \boxed{89583} \end{array}$$

Let's think of a number that when added to 4 makes the answer ends with 3,

We know that, **9** + 4 = 13

Next, let's think of a number that when added to 7 will make answer ends with 5,

We know that, 7 + **8** = 15

So,the missing digits are 9 and 8 respectively.

$$\begin{array}{r} 36,72\boxed{?} \\ +\ 52,\boxed{?}54 \\ \hline \boxed{89583} \end{array} \longrightarrow \begin{array}{r} 36,72\boxed{?} \\ +\ 52,\boxed{?}54 \\ \hline \boxed{89583} \end{array}$$

3.

$$\begin{array}{r} 18,\boxed{?}34 \\ +\ \boxed{?}0,678 \\ \hline \boxed{39,612} \end{array} \longrightarrow \begin{array}{r} 18,\boxed{?}34 \\ +\ \boxed{?}0,678 \\ \hline \boxed{39,612} \end{array} \longrightarrow \begin{array}{r} 18,\boxed{9}34 \\ +\ \boxed{2}0,678 \\ \hline \boxed{39,612} \end{array}$$

4.

$$\begin{array}{r} 2\boxed{?}7,188 \\ +\ \boxed{?},899,672 \\ \hline \boxed{12,870,860} \end{array} \longrightarrow \begin{array}{r} 2\boxed{9}7,188 \\ +\ \boxed{9},899,672 \\ \hline \boxed{12,870,860} \end{array}$$