This method of addition encourages understanding of the process of adding two, 2-digit numbers. It is known as 'adding the least significant digit first'.

The method is to add the units first, then add the tens, finally adding the two together. It is a 'half-way house' towards the standard written method, explaining what happens when the tens boundary is crossed during adding the units (ie when the units add up to more than 10). At this stage 'carrying' does not need to take place. The stages are as follows:

$$
\begin{array}{r}
\ \ ^{t}7\ ^{u}6 \\
+\ \ 4\ 8 \\
\hline
\end{array}
$$

Step 1: add the units

6 + 8 = 14

Put the 14 in the row below the question.

$$
\begin{array}{r}
\ \ ^{t}7\ ^{u}6 \\
+\ \ 4\ 8 \\
\hline
1\ 4 \\
\end{array}
$$

Step 2: add the tens

7 (tens) + 4 (tens) is 11 (tens) = 110.

Put the 110 in the row below, making sure the units line up.

$$
\begin{array}{r}
\ \ ^{t}7\ ^{u}6 \\
+\ \ 4\ 8 \\
\hline
1\ 4 \\
1\ 1\ 0 \\
\hline
\end{array}
$$

Step 3: add the two answers

Start by adding the units.
Then add the tens.
Then add the hundreds.

$$
\begin{array}{r}
\ \ ^{t}7\ ^{u}6 \\
+\ \ 4\ 8 \\
\hline
1\ 4 \\
1\ 1\ 0 \\
\hline
1\ 2\ 4 \\
\hline
\end{array}
$$

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1.
```
   t u
   3 5
 + 2 7
 ─────
```

2.
```
   t u
   4 3
 + 5 8
 ─────
```

3.
```
   t u
   6 5
 + 2 8
 ─────
```

4.
```
   t u
   2 6
 + 3 5
 ─────
```

5.
```
   t u
   5 4
 + 7 8
 ─────
```

6.
```
   t u
   8 5
 + 6 9
 ─────
```

7.
```
   t u
   7 4
 + 6 7
 ─────
```

8.
```
   t u
   5 9
 + 4 9
 ─────
```

9.
```
   t u
   7 3
 + 6 9
 ─────
```

1. 62   2. 101   3. 93

4. 61   5. 132   6. 154

7. 141   8. 108   9. 142