

2.

_____ + _____ = _____
 _____ + _____ = _____
 _____ + _____ = _____
 _____ = _____

4.

431 + 556

The diagram illustrates the addition of 431 and 556 using base ten blocks. The number 431 is represented by four 100 blocks, three 10 blocks, and one 1 block. The number 556 is represented by five 100 blocks, five 10 blocks, and six 1 blocks. The blocks are arranged in columns and rows to show the place value of each digit.

_____	+	_____	=	_____
_____	+	_____	=	_____
_____	+	_____	=	_____
			=	_____

1.

$$\begin{array}{r}
 512 + 174 \\
 \hline
 \begin{array}{|c|c|c|} \hline 500 & 10 & 2 \\ \hline \end{array}
 +
 \begin{array}{|c|c|c|} \hline 100 & 70 & 4 \\ \hline \end{array}
 \end{array}$$

$$\begin{array}{r}
 500 + 100 = 600 \\
 10 + 70 = 80 \\
 2 + 4 = 6 \\
 600 + 80 + 6 = \underline{686}
 \end{array}$$

2.

$$\begin{array}{r}
 425 + 372 \\
 \hline
 \begin{array}{|c|c|c|} \hline & & \\ \hline \end{array}
 +
 \begin{array}{|c|c|c|} \hline & & \\ \hline \end{array}
 \end{array}$$

$$\begin{array}{r}
 \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 \underline{\quad} = \underline{\quad}
 \end{array}$$

3.

$$\begin{array}{r}
 256 + 612 \\
 \hline
 \begin{array}{|c|c|c|} \hline & & \\ \hline \end{array}
 +
 \begin{array}{|c|c|c|} \hline & & \\ \hline \end{array}
 \end{array}$$

$$\begin{array}{r}
 \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 \underline{\quad} = \underline{\quad}
 \end{array}$$

4.

$$\begin{array}{r}
 413 + 541 \\
 \hline
 \begin{array}{|c|c|c|} \hline & & \\ \hline \end{array}
 +
 \begin{array}{|c|c|c|} \hline & & \\ \hline \end{array}
 \end{array}$$

$$\begin{array}{r}
 \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 \underline{\quad} + \underline{\quad} = \underline{\quad} \\
 \underline{\quad} = \underline{\quad}
 \end{array}$$

1.

$$463 + 234 = \underline{697}$$

$$400 + 200 = 600$$

$$60 + 30 = 90$$

$$3 + 4 = \underline{7}$$

$$600 + 90 + 7 = 697$$

2.

$$213 + 652 = \underline{\hspace{2cm}}$$

3.

$$632 + 146 = \underline{\hspace{2cm}}$$

4.

$$236 + 42 = \underline{\hspace{2cm}}$$

5.

$$212 + 782 = \underline{\hspace{2cm}}$$

6.

$$224 + 153 = \underline{\hspace{2cm}}$$

Bella and her friend Ella are picking peaches. Bella picks 251 peaches. Ella picks 345 peaches. How many peaches do they pick in all?

- Draw a bar model to show how many peaches Bella and Ella pick in all.
- Use number bonds to break the number of peaches into expanded form.
- Add to find how many peaches Bella and Ella pick in all.

DIGIT DETECTIVE - C

To solve the puzzle, here's what to do. Cross off the numbers that fit each clue.
With clever sleuth-work, when you're done, you'll be left with only one!

Greater than
 $355 + 521$

$$222 + 473$$

Less than
 $147 + 132$

$$482 + 211$$

$$533 + 164$$

What number am I?

693

269

926

278

886

695

597

697

254

892