

Number Puzzles Addition and Subtraction Stage 5 Recording Sheet

Puzzle 1

Fill in digits to make each equation true.
You may only use each digit (0–9) once.

$$\begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline 5 \\ \hline \end{array} \begin{array}{|c|} \hline 0 \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline 5 \\ \hline \end{array} \begin{array}{|c|} \hline 0 \\ \hline \end{array} = 700$$

$$\begin{array}{|c|} \hline 8 \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline 2 \\ \hline \end{array} - \begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline 2 \\ \hline \end{array} \begin{array}{|c|} \hline 1 \\ \hline \end{array} = 371$$

2
9
+
1
2
= 456

$$\begin{array}{|c|} \hline \square \\ \hline 0 \\ \hline 0 \\ \hline - \\ \hline 1 \\ \hline 5 \\ \hline \square \\ \hline \end{array} = 442$$

$$\begin{array}{|c|} \hline 3 \\ \hline \end{array} \begin{array}{|c|} \hline 5 \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} - \begin{array}{|c|} \hline 1 \\ \hline \end{array} \begin{array}{|c|} \hline 0 \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} = 251$$

Puzzle 2

Fill in digits to make each equation true.
You may only use each digit (0-9) once.

$$150 + \boxed{}\boxed{}\boxed{} = 759$$

$$\boxed{}\boxed{}\boxed{} - 187 = \boxed{}\boxed{}\boxed{}\boxed{}$$

$$\boxed{}\boxed{}\boxed{} + \boxed{}\boxed{}\boxed{} = 668$$

$$\boxed{}\boxed{}\boxed{} - 531 = 111$$

$$\boxed{}\boxed{}\boxed{} + 322 = 773$$

Puzzle 3

Fill in digits to make each equation true.
You may only use each digit (0-9) once.

$$\boxed{}\boxed{4}\boxed{0}\boxed{} + \boxed{}\boxed{6}\boxed{}\boxed{0} = 800$$

$$\boxed{}\boxed{0}\boxed{0}\boxed{} - \boxed{}\boxed{5}\boxed{5}\boxed{} = 545$$

$$351 + \boxed{4}\boxed{}\boxed{}\boxed{} = 818$$

$$541 - \boxed{2}\boxed{}\boxed{}\boxed{} = 257$$

$$785 - 682 = \boxed{}\boxed{}\boxed{}\boxed{3}$$

Puzzle 4

Fill in digits to make each equation true.
You may only use each digit (0-9) once.

$$\boxed{}\boxed{0}\boxed{5} + \boxed{1}\boxed{}\boxed{}\boxed{7} = 912$$

$$\boxed{}\boxed{0}\boxed{0} - 271 = \boxed{3}\boxed{}\boxed{}\boxed{9}$$

$$\boxed{}\boxed{2}\boxed{8} + \boxed{}\boxed{}\boxed{5}\boxed{6} = 484$$

$$\boxed{}\boxed{0}\boxed{5} - 100 = \boxed{6}\boxed{0}\boxed{}\boxed{}$$

$$\boxed{2}\boxed{}\boxed{}\boxed{3} + \boxed{3}\boxed{}\boxed{}\boxed{2} = 635$$