

Name: _____

Secret Code Math

Addition with 4-Digit Addends

Decode the addends and find the sums.

1	2	3	4	5	6	7	8	9	0
😊	★	🌀	⚡	▬	◇	✱	↑	♥	☐

a. Code Numbers Regular Numbers

★	🌀	◇	♥
+	😊	☐	★

2	3	6	9
+	1	0	2

b. Code Numbers Regular Numbers

▬	✱	♥	☐
+	⚡	↑	🌀

c. Code Numbers Regular Numbers

◇	✱	★	▬
+	♥	⚡	↑

d. Code Numbers Regular Numbers

🌀	✱	✱	◇
+	★	◇	♥

e. Code Numbers Regular Numbers

⚡	🌀	★	😊
+	▬	♥	✱

f. Code Numbers Regular Numbers

↑	⚡	🌀	⚡
+	↑	☐	◇

ANSWER KEY

Secret Code Math

Addition with 4-Digit Addends

Decode the addends and find the sums.

1



2



3



4



5



6



7



8



9



0



a. Code Numbers

Regular Numbers

$$\begin{array}{r}
 \star \text{ } \text{spiral} \text{ } \text{diamond} \text{ } \text{heart} \\
 + \text{ } \text{smiley} \text{ } \text{small square} \text{ } \star \text{ } \text{spiral} \\
 \hline
 \text{spiral} \text{ } \text{spiral} \text{ } \text{heart} \text{ } \star
 \end{array}$$

$$\begin{array}{r}
 2, 3 \text{ } 6 \text{ } 9 \\
 + 1, 0 \text{ } 2 \text{ } 3 \\
 \hline
 3, 3 \text{ } 9 \text{ } 2
 \end{array}$$

b. Code Numbers

Regular Numbers

$$\begin{array}{r}
 \text{diagonal line} \text{ } \text{asterisk} \text{ } \text{heart} \text{ } \text{small square} \\
 + \text{ } \text{lightning bolt} \text{ } \text{up arrow} \text{ } \text{spiral} \text{ } \text{smiley} \\
 \hline
 \text{smiley} \text{ } \text{small square} \text{ } \text{diamond} \text{ } \star \text{ } \text{smiley}
 \end{array}$$

$$\begin{array}{r}
 5, 7 \text{ } 9 \text{ } 0 \\
 + 4, 8 \text{ } 3 \text{ } 1 \\
 \hline
 10, 6 \text{ } 2 \text{ } 1
 \end{array}$$

c. Code Numbers

Regular Numbers

$$\begin{array}{r}
 \text{diamond} \text{ } \text{asterisk} \text{ } \star \text{ } \text{diagonal line} \\
 + \text{ } \text{heart} \text{ } \text{lightning bolt} \text{ } \text{up arrow} \\
 \hline
 \text{asterisk} \text{ } \text{diamond} \text{ } \text{asterisk} \text{ } \text{spiral}
 \end{array}$$

$$\begin{array}{r}
 6, 7 \text{ } 2 \text{ } 5 \\
 + \text{ } 9 \text{ } 4 \text{ } 8 \\
 \hline
 7, 6 \text{ } 7 \text{ } 3
 \end{array}$$

d. Code Numbers

Regular Numbers

$$\begin{array}{r}
 \text{spiral} \text{ } \text{asterisk} \text{ } \text{asterisk} \text{ } \text{diamond} \\
 + \text{ } \star \text{ } \text{diamond} \text{ } \text{lightning bolt} \text{ } \text{heart} \\
 \hline
 \text{diamond} \text{ } \text{lightning bolt} \text{ } \star \text{ } \text{diagonal line}
 \end{array}$$

$$\begin{array}{r}
 3, 7 \text{ } 7 \text{ } 6 \\
 + 2, 6 \text{ } 4 \text{ } 9 \\
 \hline
 6, 4 \text{ } 2 \text{ } 5
 \end{array}$$

e. Code Numbers

Regular Numbers

$$\begin{array}{r}
 \text{lightning bolt} \text{ } \text{spiral} \text{ } \star \text{ } \text{smiley} \\
 + \text{ } \text{diagonal line} \text{ } \text{heart} \text{ } \text{asterisk} \text{ } \star \\
 \hline
 \text{smiley} \text{ } \text{small square} \text{ } \star \text{ } \text{heart} \text{ } \text{spiral}
 \end{array}$$

$$\begin{array}{r}
 4, 3 \text{ } 2 \text{ } 1 \\
 + 5, 9 \text{ } 7 \text{ } 2 \\
 \hline
 10, 2 \text{ } 9 \text{ } 3
 \end{array}$$

f. Code Numbers

Regular Numbers

$$\begin{array}{r}
 \text{up arrow} \text{ } \text{lightning bolt} \text{ } \text{spiral} \text{ } \text{lightning bolt} \\
 + \text{ } \text{up arrow} \text{ } \text{small square} \text{ } \text{diamond} \\
 \hline
 \text{heart} \text{ } \star \text{ } \text{lightning bolt} \text{ } \text{small square}
 \end{array}$$

$$\begin{array}{r}
 8, 4 \text{ } 3 \text{ } 4 \\
 + \text{ } 8 \text{ } 0 \text{ } 6 \\
 \hline
 9, 2 \text{ } 4 \text{ } 0
 \end{array}$$