

In each of the cryptarithms below, each letter stands for a different digit (0 is never the first digit of any number).

Find a solution to each cryptarithm.

Do any of them have more than one solution?

1)
$$\begin{array}{r} A \\ A \\ + A \\ \hline BA \end{array}$$

2)
$$\begin{array}{r} BB \\ + A \\ \hline ACC \end{array}$$

3)
$$\begin{array}{r} AB \\ + A \\ \hline BCC \end{array}$$

4)
$$\begin{array}{r} AB \\ + A \\ \hline CDC \end{array}$$

5)
$$\begin{array}{r} AB \\ + BC \\ \hline BCB \end{array}$$

6)
$$\begin{array}{r} AB \\ + CB \\ \hline BA \end{array}$$

7)
$$\begin{array}{r} AB \\ + CB \\ \hline BBA \end{array}$$

8)
$$\begin{array}{r} AB \\ AB \\ + AB \\ \hline CA \end{array}$$

9)
$$\begin{array}{r} AA \\ + BB \\ \hline CBC \end{array}$$

10)
$$\begin{array}{r} AB \\ + AB \\ \hline CBB \end{array}$$

11)
$$\begin{array}{r} AB \\ + AB \\ \hline CA \end{array}$$

12)
$$\begin{array}{r} AB \\ + AB \\ \hline BC \end{array}$$

13)
$$\begin{array}{r} AAA \\ BB \\ + A \\ \hline CAB \end{array}$$

14)
$$\begin{array}{r} ABC \\ + ACB \\ \hline CBA \end{array}$$

15)
$$\begin{array}{r} ABC \\ + ABC \\ \hline CDDDB \end{array}$$

16)
$$\begin{array}{r} ABC \\ + CBC \\ \hline CDEB \end{array}$$

17)
$$\begin{array}{r} ABC \\ ABC \\ + ABC \\ \hline CCC \end{array}$$

18)
$$\begin{array}{r} ABC \\ ABC \\ + ABC \\ \hline BBB \end{array}$$

19)
$$\begin{array}{r} AB \\ BC \\ + CA \\ \hline ABC \end{array}$$

20)
$$\begin{array}{r} A \\ BB \\ + CCC \\ \hline BAB \end{array}$$

21)
$$\begin{array}{r} A \\ BB \\ + CCC \\ \hline BCB \end{array}$$

22)
$$\begin{array}{r} BAA \\ BAA \\ BAA \\ + BAA \\ \hline CAAD \end{array}$$

23)
$$\begin{array}{r} ABA \\ ABA \\ ABA \\ + ABA \\ \hline CDBA \end{array}$$