

1.4.20 Wednesday place value year 3

Partition these numbers. The first one has been done for you.

1. $\begin{array}{|c|c|} \hline 4 & 7 \\ \hline \end{array} = \begin{array}{|c|} \hline 40 \\ \hline \end{array} + \begin{array}{|c|} \hline 7 \\ \hline \end{array}$

2. $\begin{array}{|c|c|} \hline 5 & 6 \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$

3. $\begin{array}{|c|c|} \hline 7 & 2 \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$

4. $\begin{array}{|c|c|} \hline 3 & 4 \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$

5. $\begin{array}{|c|c|c|} \hline 1 & 2 & 9 \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$

6. $\begin{array}{|c|c|c|} \hline 5 & 1 & 2 \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$

7. $\begin{array}{|c|c|c|} \hline 6 & 5 & 5 \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$

8. $\begin{array}{|c|c|c|} \hline 8 & 4 & 0 \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$

9. $\begin{array}{|c|c|c|c|} \hline 8 & 2 & 5 & 3 \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$

10. $\begin{array}{|c|c|c|c|} \hline 9 & 1 & 4 & 6 \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$

11. $\begin{array}{|c|c|c|c|} \hline 1 & 0 & 2 & 9 \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$

12. $\begin{array}{|c|c|c|c|} \hline 3 & 7 & 2 & 8 \\ \hline \end{array} = \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array} + \begin{array}{|c|} \hline \\ \hline \end{array}$

Splat challenge: What are the missing numbers?

1. $\begin{array}{|c|c|} \hline \text{?} & 4 \\ \hline \end{array} = \begin{array}{|c|} \hline 1000 \\ \hline \end{array} + \begin{array}{|c|} \hline \text{?}0 \\ \hline \end{array} + \begin{array}{|c|} \hline \text{?} \\ \hline \end{array} + \begin{array}{|c|} \hline 7 \\ \hline \end{array}$

2. $\begin{array}{|c|c|} \hline 2 & 3 \\ \hline \end{array} = \begin{array}{|c|} \hline \text{?}0 \\ \hline \end{array} + \begin{array}{|c|} \hline \text{?}0 \\ \hline \end{array} + \begin{array}{|c|} \hline 50 \\ \hline \end{array} + \begin{array}{|c|} \hline 2 \\ \hline \end{array}$

3. $\begin{array}{|c|c|} \hline \text{?} & 8 \\ \hline \end{array} = \begin{array}{|c|} \hline 4000 \\ \hline \end{array} + \begin{array}{|c|} \hline 200 \\ \hline \end{array} + \begin{array}{|c|} \hline \text{?} \\ \hline \end{array} + \begin{array}{|c|} \hline \text{?} \\ \hline \end{array}$

4. $\begin{array}{|c|c|} \hline \text{?} & 6 \\ \hline \end{array} = \begin{array}{|c|} \hline \text{?}0 \\ \hline \end{array} + \begin{array}{|c|} \hline \text{?} \\ \hline \end{array} + \begin{array}{|c|} \hline 60 \\ \hline \end{array} + \begin{array}{|c|} \hline 2 \\ \hline \end{array}$

Problem 4 has the greatest 1000s and 100s of all 4 splat problems. How many possibilities can you find?