

Problem Set Alpha

If each digit 0-9 can only be used once per problem, how many different ways can you get to the answer?

1)
$$\begin{array}{r} \square 4 \square \\ - 8 \square \\ \hline 558 \end{array}$$

2)
$$\begin{array}{r} \square 4 \square \\ - 8 \square \\ \hline 859 \end{array}$$

3)
$$\begin{array}{r} \square 4 \square \\ - 8 \square \\ \hline 659 \end{array}$$

Describe how you thought about these problems.

Problem Set Beta

If each digit 0-9 can only be used once per problem, how many different ways can you get to the answer?

$$\begin{array}{r} 1) \quad 6\square\square \\ - 4\square \\ \hline 638 \end{array}$$

$$\begin{array}{r} 2) \quad 6\square\square \\ - 4\square \\ \hline 642 \end{array}$$

$$\begin{array}{r} 3) \quad 6\square\square \\ - 4\square \\ \hline 649 \end{array}$$

Describe how you thought about these problems.

Problem Set Gamma

If each digit 0-9 can only be used once per problem, how many different ways can you get to the answer?

1)
$$\begin{array}{r} 1\square\square \\ - \square 4 \\ \hline 106 \end{array}$$

2)
$$\begin{array}{r} 1\square\square \\ - \square 4 \\ \hline 133 \end{array}$$

3)
$$\begin{array}{r} 1\square\square \\ - \square 4 \\ \hline 76 \end{array}$$

Describe how you thought about these problems.

Problem Set Delta

If each digit 0-9 can only be used once per problem, how many different ways can you get to the answer?

$$\begin{array}{r} 1) \quad \square 1 \square \\ - 6 \square \\ \hline 748 \end{array}$$

$$\begin{array}{r} 2) \quad \square 1 \square \\ - 6 \square \\ \hline 449 \end{array}$$

$$\begin{array}{r} 3) \quad \square 1 \square \\ - 6 \square \\ \hline 252 \end{array}$$

Describe how you thought about these problems.

Problem Set Epsilon

If each digit 0-9 can only be used once per problem, how many different ways can you get to the answer?

1)
$$\begin{array}{r} 6\square\square \\ - \square 7 \\ \hline 588 \end{array}$$

2)
$$\begin{array}{r} 6\square\square \\ - \square 7 \\ \hline 611 \end{array}$$

3)
$$\begin{array}{r} 6\square\square \\ - \square 7 \\ \hline 603 \end{array}$$

Describe how you thought about these problems.

Problem Set Zeta

If each digit 0-9 can only be used once per problem, how many different ways can you get to the answer?

1)
$$\begin{array}{r} 8\square\square \\ - \square 5 \\ \hline 794 \end{array}$$

2)
$$\begin{array}{r} 8\square\square \\ - \square 5 \\ \hline 827 \end{array}$$

3)
$$\begin{array}{r} 8\square\square \\ - \square 5 \\ \hline 776 \end{array}$$

Describe how you thought about these problems.

Problem Set Eta

If each digit 0-9 can only be used once per problem, how many different ways can you get to the answer?

1)
$$\begin{array}{r} \square\square6 \\ - \square8 \\ \hline 78 \end{array}$$

2)
$$\begin{array}{r} \square\square6 \\ - \square8 \\ \hline 8 \end{array}$$

3)
$$\begin{array}{r} \square\square6 \\ - \square8 \\ \hline 418 \end{array}$$

Describe how you thought about these problems.

Problem Set Theta

If each digit 0-9 can only be used once per problem, how many different ways can you get to the answer?

1)
$$\begin{array}{r} \square 6 \square \\ - 3 \square \\ \hline 29 \end{array}$$

2)
$$\begin{array}{r} \square 6 \square \\ - 3 \square \\ \hline 226 \end{array}$$

3)
$$\begin{array}{r} \square 6 \square \\ - 3 \square \\ \hline 234 \end{array}$$

Describe how you thought about these problems.

Problem Set Iota

If each digit 0-9 can only be used once per problem, how many different ways can you get to the answer?

1)
$$\begin{array}{r} 3\square\square \\ - 6\square \\ \hline 322 \end{array}$$

2)
$$\begin{array}{r} 3\square\square \\ - 6\square \\ \hline 252 \end{array}$$

3)
$$\begin{array}{r} 3\square\square \\ - 6\square \\ \hline 318 \end{array}$$

Describe how you thought about these problems.

Problem Set Kappa

If each digit 0-9 can only be used once per problem, how many different ways can you get to the answer?

$$\begin{array}{r} 1) \quad \square 2 \square \\ - 1 \square \\ \hline 11 \end{array}$$

$$\begin{array}{r} 2) \quad \square 2 \square \\ - 1 \square \\ \hline 8 \end{array}$$

$$\begin{array}{r} 3) \quad \square 2 \square \\ - 1 \square \\ \hline 311 \end{array}$$

Describe how you thought about these problems.

Problem Set Lambda

If each digit 0-9 can only be used once per problem, how many different ways can you get to the answer?

$$\begin{array}{r} 1) \quad 9\square\square \\ - 3\square \\ \hline 882 \end{array}$$

$$\begin{array}{r} 2) \quad 9\square\square \\ - 3\square \\ \hline 944 \end{array}$$

$$\begin{array}{r} 3) \quad 9\square\square \\ - 3\square \\ \hline 926 \end{array}$$

Describe how you thought about these problems.

Problem Set Mu

If each digit 0-9 can only be used once per problem, how many different ways can you get to the answer?

$$\begin{array}{r} 1) \quad 9\square\square \\ - \quad \square 7 \\ \hline 911 \end{array}$$

$$\begin{array}{r} 2) \quad 9\square\square \\ - \quad \square 7 \\ \hline 891 \end{array}$$

$$\begin{array}{r} 3) \quad 9\square\square \\ - \quad \square 7 \\ \hline 874 \end{array}$$

Describe how you thought about these problems.