Name: _____ **Date:** _____

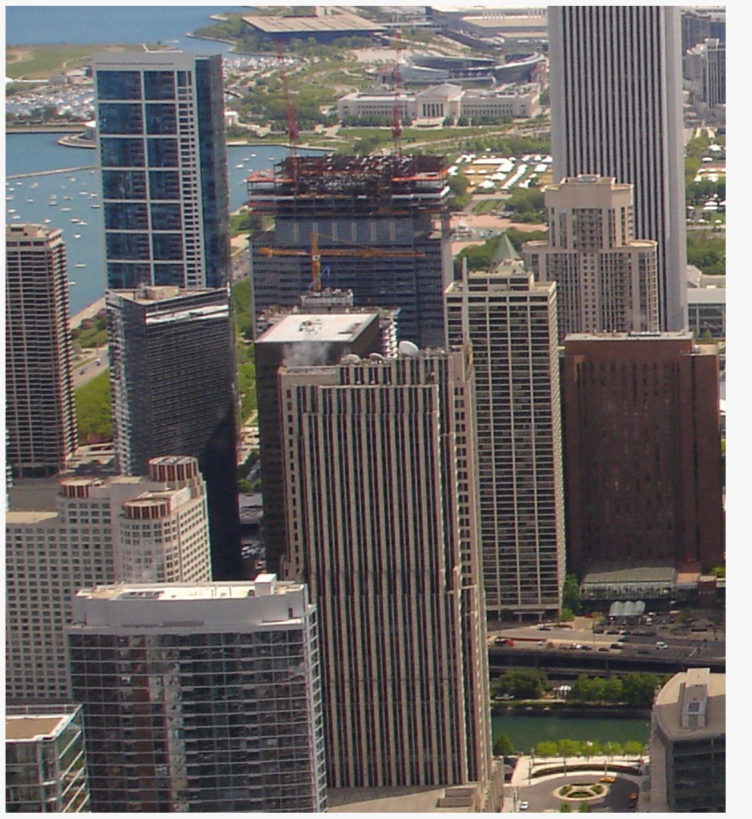
Stacking Up Numbers!

Today's Goal: Students will be able to add three single-digit numbers using vertical addition and show they understand place value when carrying over.

What is Vertical Addition?

Vertical addition is a way to solve problems by stacking numbers on top of each other.

We make sure the numbers are lined up perfectly in their place value(like Ones and Tens). This keeps our work neat and helps us get the right answer!



Just like buildings stack up, so do our numbers!

Let's See How It's Done: A Worked Example

	Tens	Ones
	1	
		5
		8
+		3
	1	6

Step 1: Add the **Ones** column.
5 + 8 + 3 = 16

Step 2: Write the **6** in the Ones place below the line.

Step 3: Carry the **1** to the top of the **Tens** column.

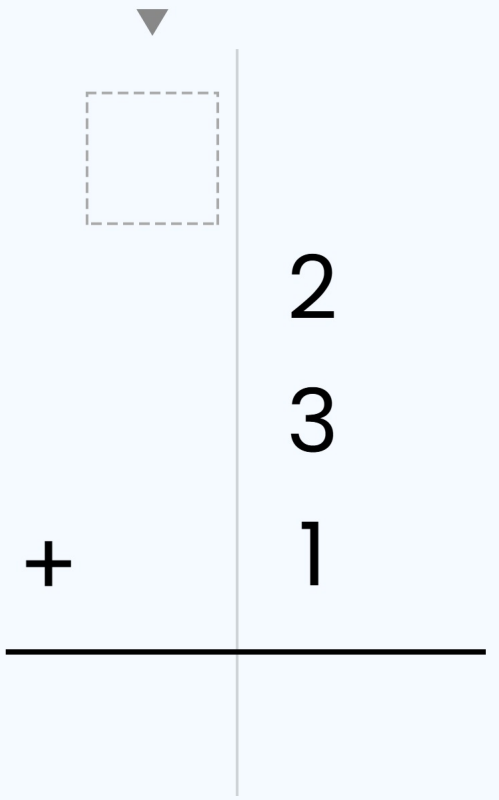
Step 3: Add the carry-over **1** in the **Tens** column.

Visual Reminder: Always align your numbers carefully under the correct place value!

Let's Practice!

Solve the addition problems below. Use the carry box if you need to.
Remember to start from the bottom and add your way up!

1.



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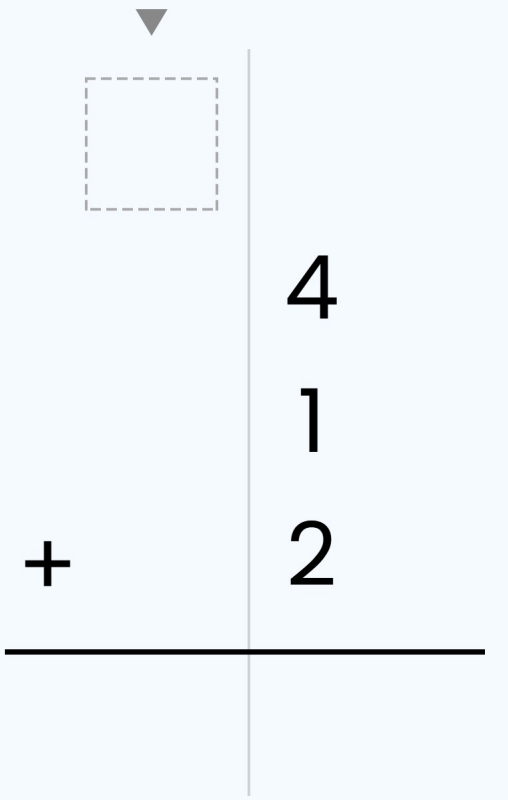

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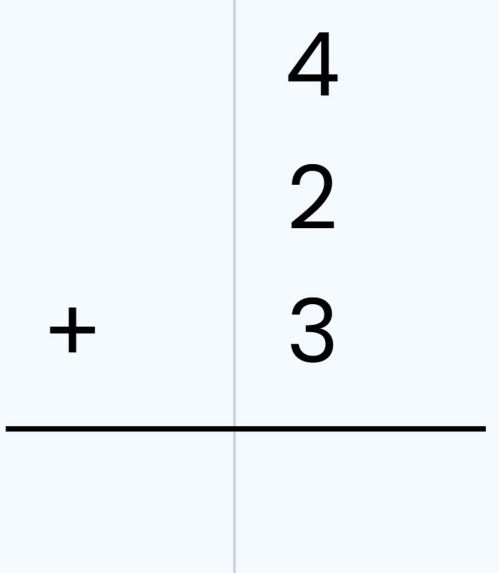

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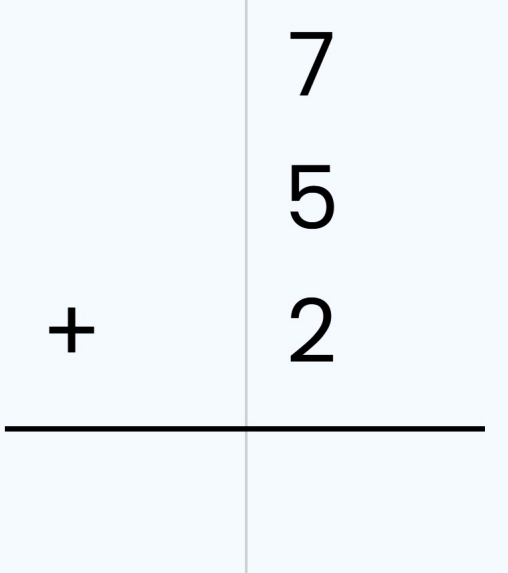

Challenge Time!

5.

$$\begin{array}{r} 8 \\ 4 \\ +\ 5 \\ \hline \end{array}$$

Answer is less than 20? ☐

6.

$$\begin{array}{r} 9 \\ 6 \\ +\ 2 \\ \hline \end{array}$$

Answer is less than 20? ☐

7.

$$\begin{array}{r} 7 \\ 5 \\ +\ 6 \\ \hline \end{array}$$

Answer is less than 20? ☐

8.

$$\begin{array}{r} 9 \\ 8 \\ +\ 2 \\ \hline \end{array}$$

Answer is less than 20? ☐

Time to Reflect!

Circle the problem you found most challenging and draw a star next to the one you found easiest.