

Purposeful Design

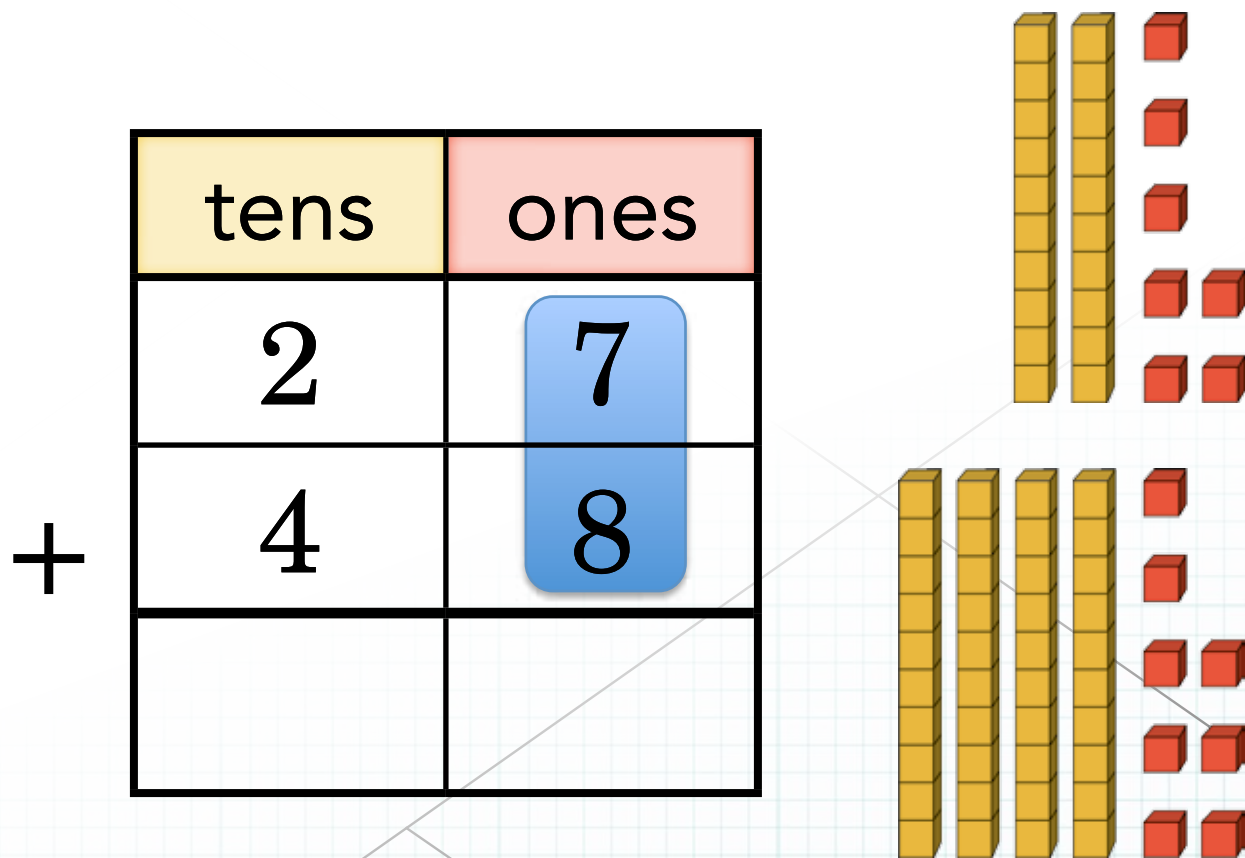
MATHEMATICS

Grade 2

Second Edition

***Addition with
Regrouping***

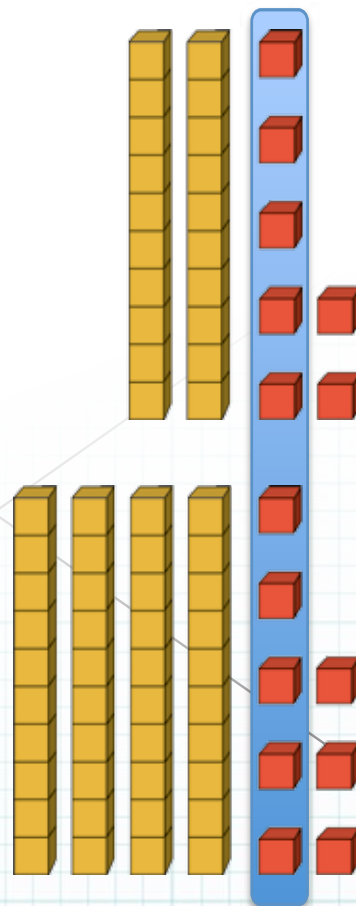
Adding 2-digit numbers is easy when you regroup!



Start with the ones column.

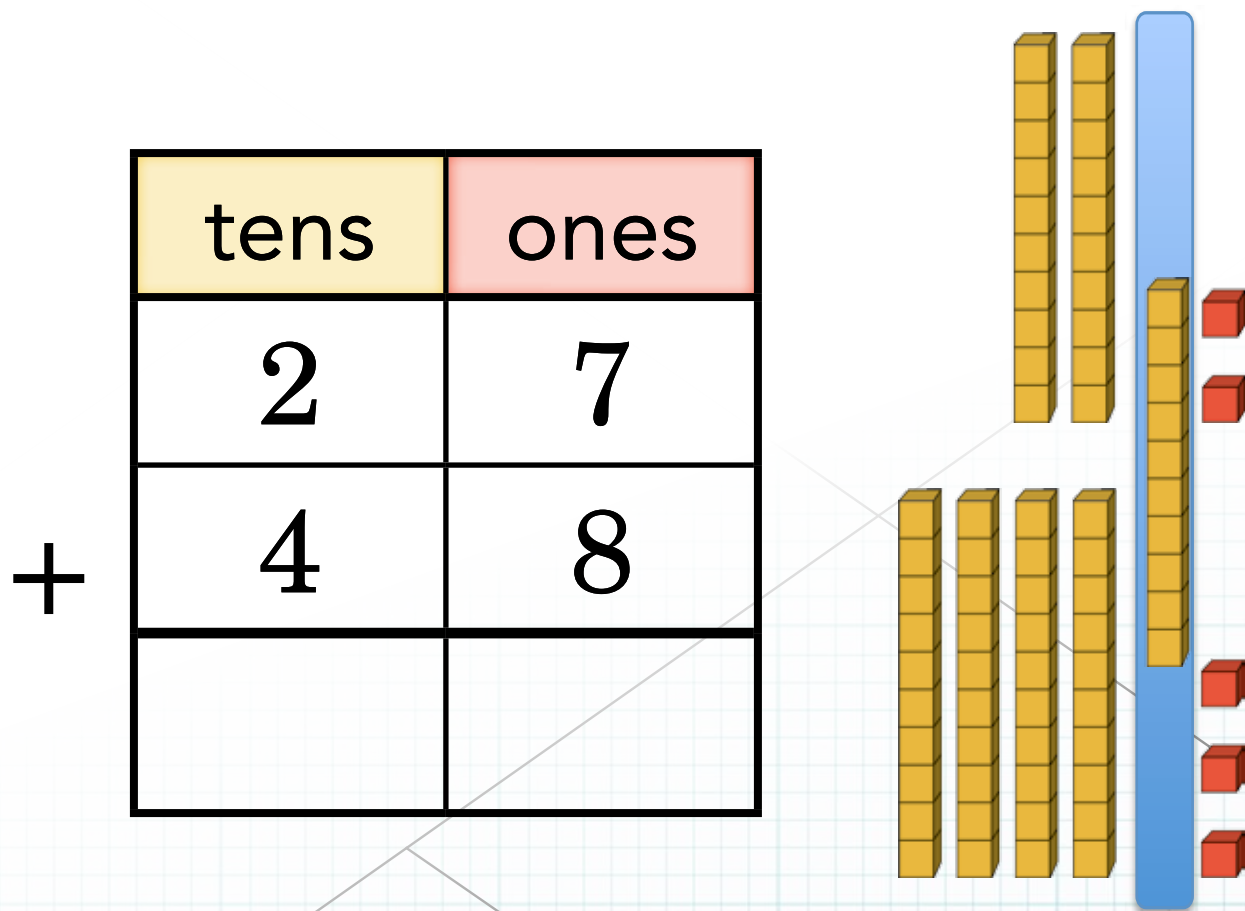
$7 + 8 = 15$ but 15 is too many to be in the ones column.

	tens	ones
	2	7
+	4	8

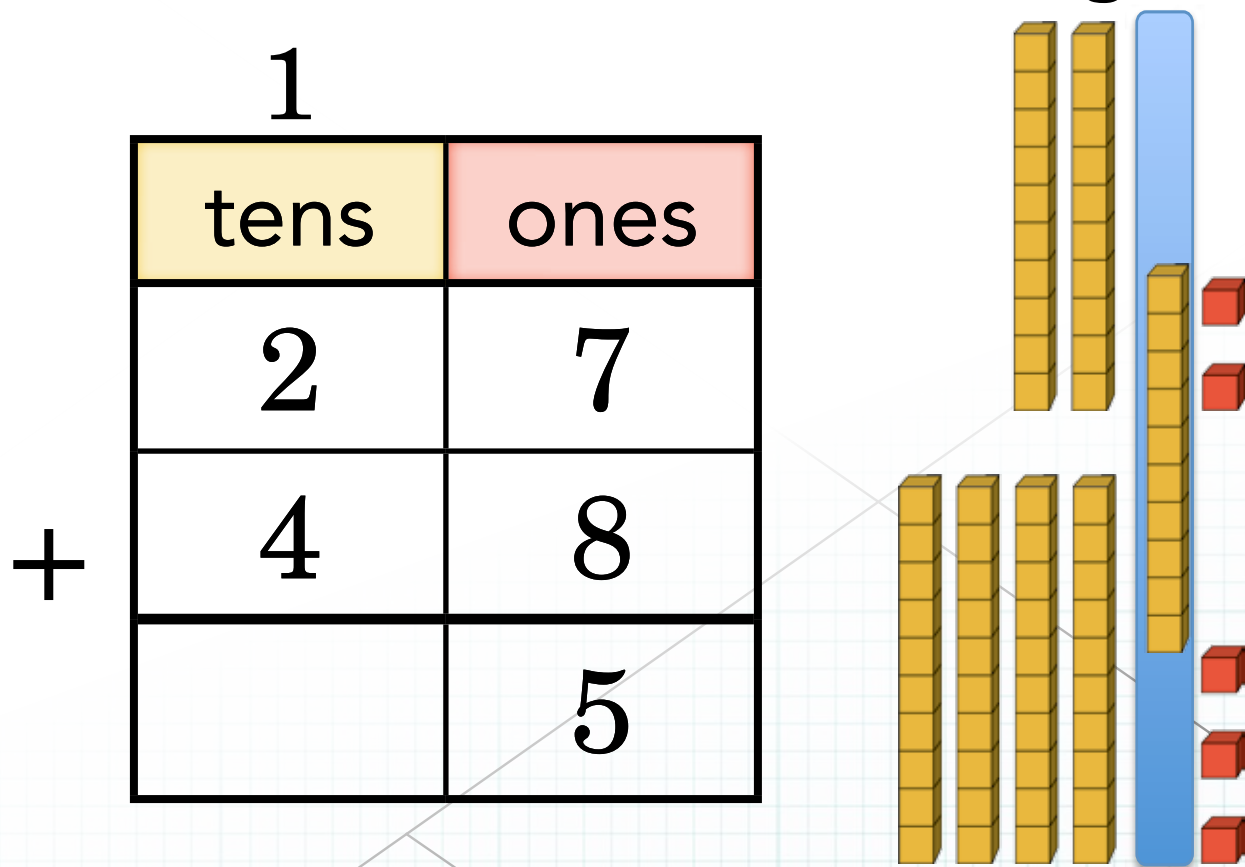


Regroup to make a new group of 10.

You have one group of 10 and five ones.



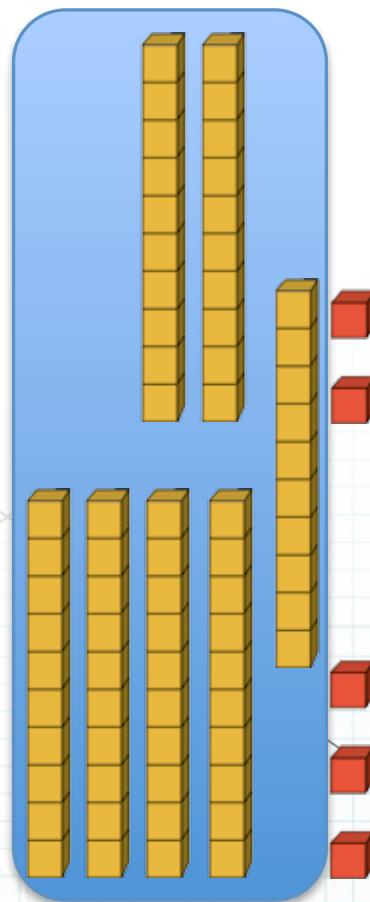
Write 5 in the ones column. Write the 1 above the tens column to show the regrouped set of 10.



Now add the tens column.

	tens	ones
	2	7
+	4	8
	7	5

$1 + 2 + 4 = 7$



You can regroup when you add money.
Joy had 75¢ and found 17¢. How much money
does she have now?

	tens	ones	
	7	5	¢
+	1	7	¢
			¢

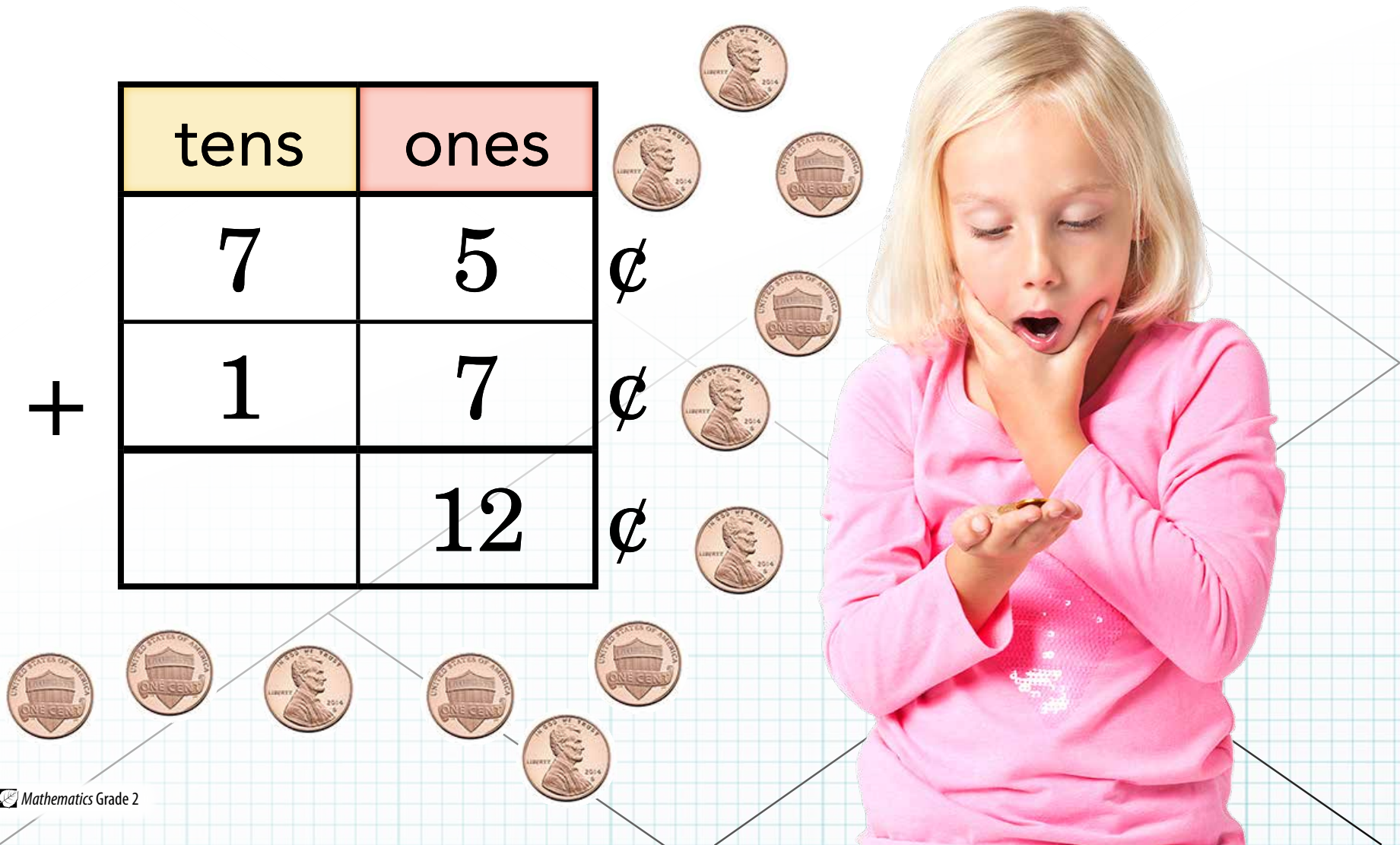


	tens	ones	
	7	5	¢
+	1	7	¢
		12	¢



Can you have 12¢ in ones column?
No, regroup the pennies.

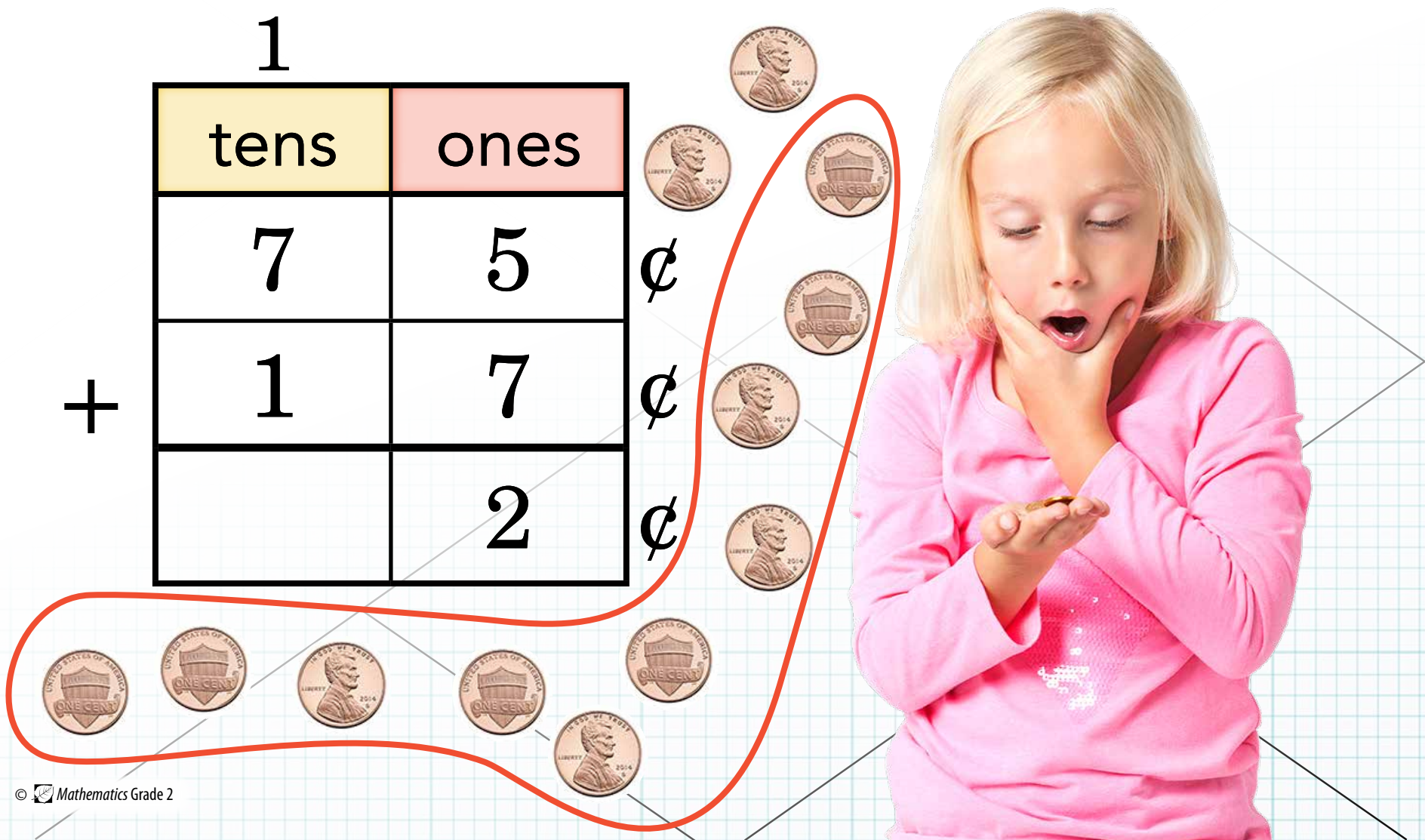
	tens	ones	
	7	5	¢
+	1	7	¢
		12	¢




Regroup the pennies into 1 ten and 2 ones. Write 2 under the ones. Carry the 1 above the tens.

	1	
	tens	ones
	7	5
+	1	7
		2



¢ ¢ ¢



Now add the dimes. $1 + 7 + 1$.

 1

tens	ones	
7	5	¢
1	7	¢
	2	¢

+  



Joy has 92¢.

	1	
	tens	ones
	7	5
	1	7
+	9	2

¢
¢
¢

