Find $518 + 327$.

Use place value. First, add the hundreds.

Then add the tens. Then add the ones.

Hundreds	Tens	Ones
5	1	8
+ 3	2	7
Hundreds: 8	0	0
Tens:	3	0
Ones:	1	5
Sum = 8	4	5

Add the partial sums to find the sum.

Here is how you can write out the addition.

$$\begin{array}{r} 5\ 1\ 8 \\ +\ 3\ 2\ 7 \\ \hline 8\ 0\ 0 \\ 3\ 0 \\ 1\ 5 \\ \hline 8\ 4\ 5 \end{array}$$

So, $518 + 327 = 845$.

Do You Understand?

Show Me! Explain why you can use partial sums to find $281 + 276$. Find the sum.
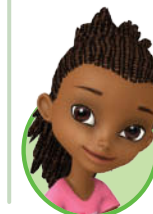
☆Guided Practice☆

Add. Use partial sums. Show your work. Use place-value blocks if needed.

1. $425 + 148 = \underline{573}$

Hundreds	Tens	Ones
4	2	5
+ 1	4	8
Hundreds: 5	0	0
Tens:	6	0
Ones:	1	3
Sum= 5	7	3

2. $394 + 276 = \underline{\hspace{1cm}}$

$$\begin{array}{r} 3\ 9\ 4 \\ +\ 2\ 7\ 6 \end{array}$$

Keep place values in line when you write each partial sum.

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Tools Assessment

Independent Practice ☆ Add. Use partial sums. Show your work.

3. 347
   +242

4. 193
   +243

5. 281
   +406

6. 367
   +423

7. 508
   +347

8. **Higher Order Thinking** Mark found the sum of 127 and 345. Explain his mistake. What is the correct sum?

_____

_____

_____

Mark's Work

$$127$$
$$+\ 345$$

Hundreds: 400
Tens: 6
Ones: + 12
           ____
            418

9. **Number Sense** Find the sum of 137 + 324. Then write the sum two different ways.

Way 1 _____

Way 2 _____

You can write numbers in different forms.

10. © **MP.7 Look for Patterns** 349 people are on a boat. 255 people are on another boat. How many people are on both boats?

You can use place value and partial sums to add.

_____ people

11. 163 students are in first grade. 217 students are in second grade. How many students are in both grades?

_____ students

12. **Higher Order Thinking** Choose a number between 100 and 400. Add 384 to your number. What is the sum? Show your work.

Explain the steps you took to find the sum.

_____

_____

_____

13. © **Assessment** Which is the same amount as 238 + 164? Choose all that apply.

☐ 200 + 190 + 12   ☐ 300 + 90 + 12   ☐ 402   ☐ 400 + 10 + 2