



GRADE 3 / WATCH MR DJ SOLVE

ADDITION AND SUBTRACTION WITHIN 1,000

Start with the same example used in the lesson slides.

**WATCH MR DJ SOLVE****Find $356+178$. Show place-value parts and any exchanges.**

- 1 Hundreds, tens and ones give $400+120+14$.
- 2 Regroup ten ones as a ten and ten tens as a hundred when needed.
- 3 $356+178=534$.

Answer: **534****REMEMBER** add and subtract within 1,000 using place-value exchanges and checks.

Read each step and explain why it is valid. The next pages demonstrate the methods in more detail. Then use the large work areas on the numbered practice pages.

GRADE 3 / WORKED METHODS
ADDITION AND SUBTRACTION WITHIN 1,000

Read a complete example before trying the matching method.



Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Addition with exchanges

$$356 + 178 = 534$$

1. $6 + 8 = 14$ ones: 1 ten and 4 ones.
2. $5 + 7 + 1 = 13$ tens: 1 hundred and 3 tens.
3. $3 + 1 + 1 = 5$ hundreds, so the sum is 534.

Hundreds	Tens	Ones
3	5	6
+1	7	8
5	3	4

Exchanges keep the amount unchanged

GRADE 3 / WORKED METHODS
ADDITION AND SUBTRACTION WITHIN 1,000

Read a complete example before trying the matching method.



Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Subtraction across a zero

$$603 - 247 = 356$$

1. Rename 603 as 5 hundreds, 9 tens, 13 ones.
2. $13 - 7 = 6$; $9 - 4 = 5$; $5 - 2 = 3$.
3. Check $356 + 247 = 603$.

Hundreds	Tens	Ones
5	9	13
-2	-4	-7
3	5	6

Exchanges keep the amount unchanged

GRADE 3 / MATHEMATICAL WORK TOOL

ADDITION AND SUBTRACTION WITHIN 1,000

Use labels and a clear scale.



Use one column per place value. Show an exchange without changing the total. For tens multiplication, label tens before converting to ones.

Hundreds	Tens	Ones



Date _____

ADDITION AND SUBTRACTION WITHIN 1,000

A cartoon fox character with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

1. Find 603–247. Show a place-value exchange.

My answer / conclusion: _____

GRADE 3 / PRACTICE

ADDITION AND SUBTRACTION WITHIN 1,000

Show the method, label your work, and explain the reasoning requested.



Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

2. Find $376 - 178$. Use counting up to check.

My answer / conclusion: _____



Date _____

ADDITION AND SUBTRACTION WITHIN 1,000

A cartoon fox character with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

Medium 3. A library has 356 books and receives 183 more. How many books now?

My answer / conclusion: _____



Date _____

ADDITION AND SUBTRACTION WITHIN 1,000

A cartoon fox mascot with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

Medium 4. A collection starts with 603 cards. Give away 259. How many remain?

My answer / conclusion: _____



Date _____

ADDITION AND SUBTRACTION WITHIN 1,000

A cartoon fox mascot with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

Use the worked-method reference when helpful. Use the included method reference. Show the requested method, then check your answer. Reasoning questions need evidence and an explanation.

Medium 5. Find $356 + 178$ in two ways: expanded parts and a compensation strategy.

My answer / conclusion: _____



Date _____

ADDITION AND SUBTRACTION WITHIN 1,000

A cartoon fox mascot with orange fur, large eyes, and a purple collar, holding a yellow pencil.

6. Digit calculates $356 + 178$ but forgets an exchanged ten. Explain why the exchange cannot disappear.

My answer / conclusion: _____



Date _____

ADDITION AND SUBTRACTION WITHIN 1,000

A cartoon fox mascot with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

''' Spicy 7. Explain how counting up checks 603–247. Show helpful jumps.

My answer / conclusion: _____



Date _____

ADDITION AND SUBTRACTION WITHIN 1,000

A cartoon fox character with orange fur, large eyes, and a purple scarf, holding a yellow pencil.

8. Design two different additions with total 534. Explain how changing one addend can keep the total.

My answer / conclusion: _____