



GRADE 2 / WATCH MR DJ SOLVE

ADDITION AND SUBTRACTION STORIES

Start with the same example used in the lesson slides.

**WATCH MR DJ SOLVE****Tan has 23 beads. He gets 12 more. How many now?**

- 1** Draw 23 and 12.
- 2** $23+12=35$.
- 3** The total is larger.

Answer: **35****REMEMBER** solve adding, taking-away and comparison stories in one or two steps.

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 2 / WORKED METHODS

ADDITION AND SUBTRACTION STORIES

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.

Parts make a whole

$23 + 12 = 35$

1. Draw 23 as two tens and three ones.
2. Add one ten and two ones.
3. Three tens and five ones make 35.

Part 1	Part 2	Whole
2 tens	1 ten	3 tens
3 ones	2 ones	5 ones

$$23 + 12 = 35$$

Before trades: 0 hundreds, 3 tens, 5 ones



GRADE 2 / WORKED METHODS

ADDITION AND SUBTRACTION STORIES

Read a complete example before trying the matching method.

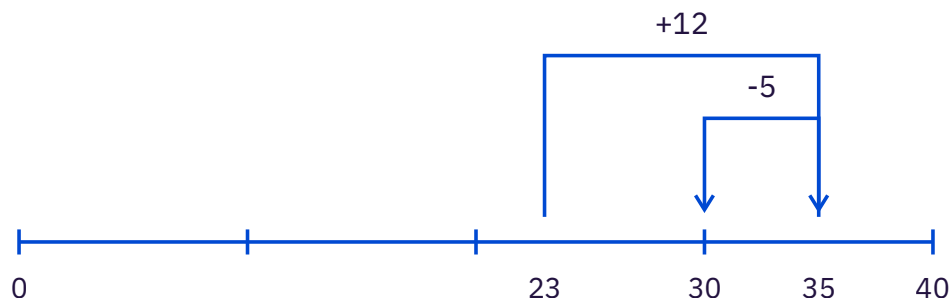


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Two story steps

35-5=30 after 23+12

1. Join 23 and 12: 35.
2. Remove 5 from 35.
3. 30 remain.



$$23+12-5=30$$



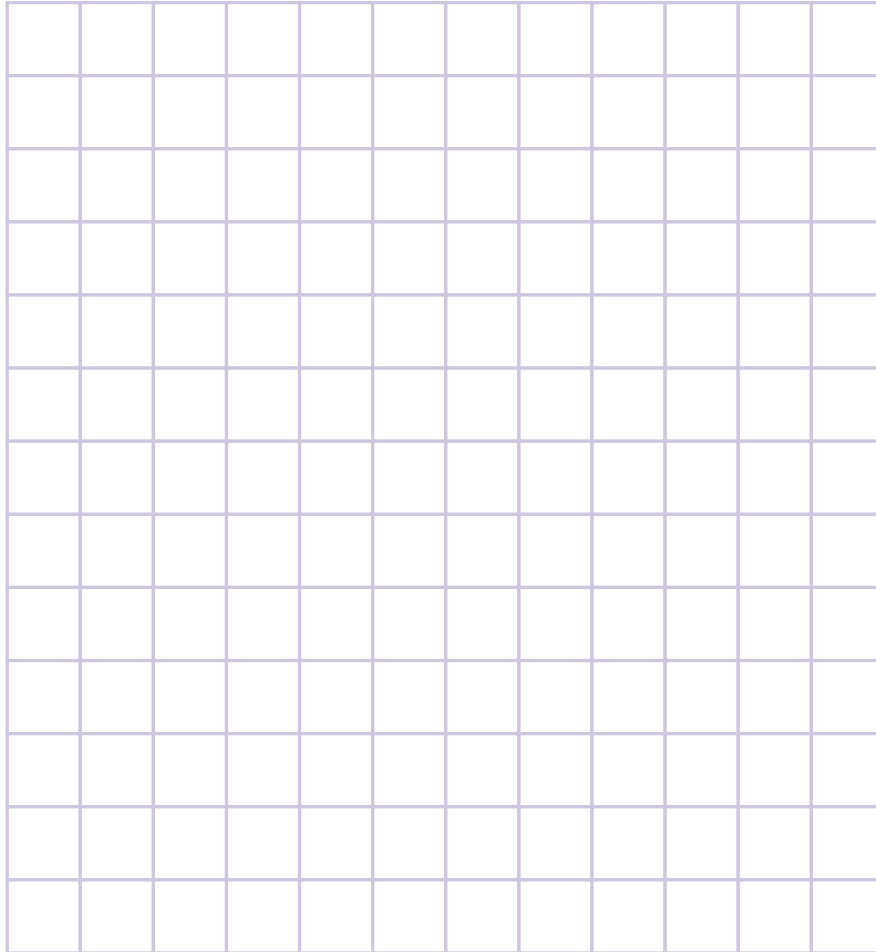
GRADE 2 / MATHEMATICAL WORK TOOL

ADDITION AND SUBTRACTION STORIES

Draw, label and explain.



Draw and label a picture. Count every object once.



GRADE 2 / PRACTICE

ADDITION AND SUBTRACTION STORIES

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.

 **Mild**

1. 35 children play. 12 leave. How many stay?

My answer / conclusion: _____

 Mild

2. Digit has 12 shells. Tan has 23. How many more does Tan have?

My answer / conclusion: _____



Date _____

ADDITION AND SUBTRACTION STORIES

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

3. A box has some crayons. Add 12; now it has 35. How many were there first?

🍏 🍏 Medium



Date _____

ADDITION AND SUBTRACTION STORIES

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

⏪ Medium 5. There are 23 red and 12 blue blocks. How many must be added to reach 40?

My answer / conclusion: _____

GRADE 2 / PRACTICE

ADDITION AND SUBTRACTION STORIES

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.

Spicy

6. Digit says $23+12-5$ must be larger than $23+12$. Is that right?

My answer / conclusion: _____



GRADE 2 / PRACTICE

ADDITION AND SUBTRACTION STORIES

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.

🔥🔥🔥 Spicy

7. Write a story for $35 - \square = 23$. Find the missing number.

Grid area for writing the answer.

My answer / conclusion: _____



Date _____

ADDITION AND SUBTRACTION STORIES

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

8. Use 23, 12 and 35 in an adding story and a taking-away story.

My answer / conclusion: _____