



GRADE 2 / WATCH MR DJ SOLVE

ADDING UP TO FOUR TWO-DIGIT NUMBERS

Start with the same example used in the lesson slides.

**WATCH MR DJ SOLVE****Add $12+23+18+27$. Show a useful grouping.**

1 $12+18=30$.

2 $23+27=50$.

3 $30+50=80$.

Answer: **80****REMEMBER** add up to four two-digit numbers by making useful groups and place-value parts.

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

ADDING UP TO FOUR TWO-DIGIT NUMBERS

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.

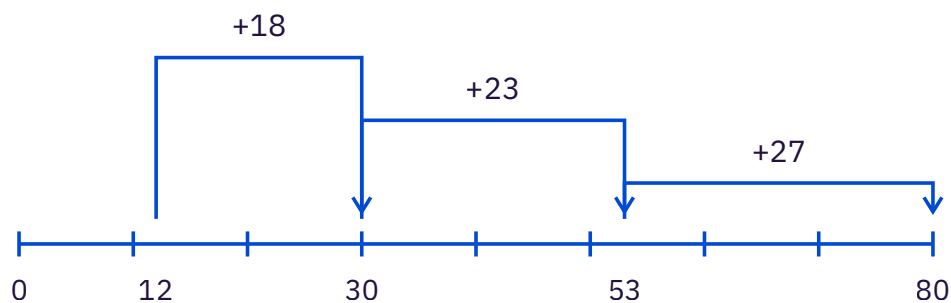
Choose easy pairs

$$12+23+18+27=80$$

1. $12+18=30$.

2. $23+27=50$.

3. $30+50=80$.



$$12+18+23+27=80$$



GRADE 2 / WORKED METHODS

ADDING UP TO FOUR TWO-DIGIT NUMBERS

Read a complete example before trying the matching method.

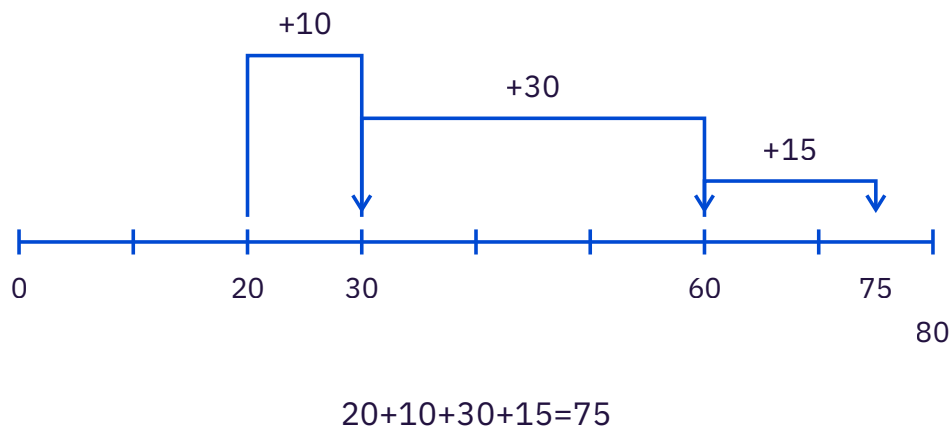


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Keep every addend

$$20+10+30+15=75$$

1. $20+10+30=60$.
2. Add the last 15.
3. $60+15=75$.





GRADE 2 / MATHEMATICAL WORK TOOL

ADDING UP TO FOUR TWO-DIGIT NUMBERS

Draw, label and explain.



Draw blocks or write counts in each place. A hundred is ten tens; a ten is ten ones. Show trades without changing the total.

Hundreds	Tens	Ones



Date _____

ADDING UP TO FOUR TWO-DIGIT NUMBERS

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

1. Add $12+23+18$. Show tens and ones.

Mild 2. Four boxes hold 12, 23, 18, 27 pencils. How many altogether?

Adding up to four two-digit numbers / practice · page 5



Date _____

ADDING UP TO FOUR TWO-DIGIT NUMBERS

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

Medium 3. Find $12+18$ first, then add 27.

Medium 4. Add $12+23+18+27$ in a different order from the first problem.



Date _____

ADDING UP TO FOUR TWO-DIGIT NUMBERS

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.

5. Add $22+23+18+27$. How does the total change?

My answer / conclusion: _____

GRADE 2 / PRACTICE

ADDING UP TO FOUR TWO-DIGIT NUMBERS

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 drops 18 when adding $12+23+18+27$. How can you check the list?

My answer / conclusion: _____



GRADE 2 / PRACTICE

ADDING UP TO FOUR TWO-DIGIT NUMBERS

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. Is $(12+18)+(23+27)$ a fair way to add all four numbers? Explain.

Grid area for working out the answer.

My answer / conclusion: _____

GRADE 2 / PRACTICE

ADDING UP TO FOUR TWO-DIGIT NUMBERS

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.

Extra Spicy

8. Make a four-addend sum with total 80. Each addend must be two digits. Show a check.

My answer / conclusion: _____