



GRADE 1 / WATCH MR DJ SOLVE

SWAPPING AND GROUPING ADDENDS

Start with the same example used in the lesson slides.

**WATCH MR DJ SOLVE****Find $2+4$. Then show $4+2$.**

- 1** Build two groups.
- 2** Swap their places.
- 3** Both totals are 6.

Answer: **6****REMEMBER** use the same groups in a new order or grouping to add.

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 1 / WORKED METHODS

SWAPPING AND GROUPING ADDENDS

Read a complete example before trying the matching method.

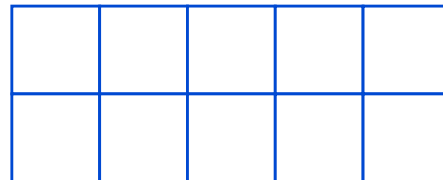
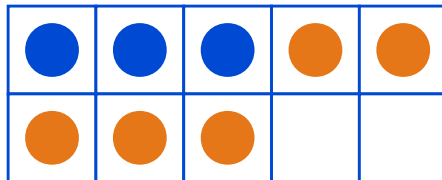


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Two groups can swap

$$3+5=5+3=8$$

1. Build 3 blue and 5 orange counters.
2. Swap the groups.
3. All 8 stay.



$$3 + 5 = 8$$

8 counters in all



GRADE 1 / WORKED METHODS

SWAPPING AND GROUPING ADDENDS

Read a complete example before trying the matching method.

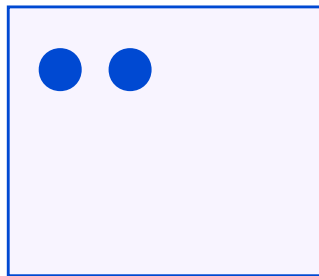


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

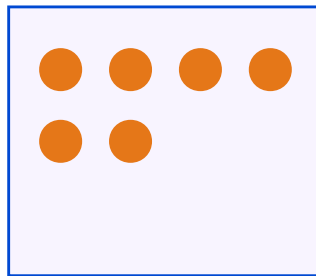
A pair can make ten

$$2+6+4=2+10=12$$

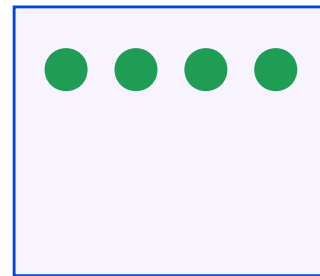
1. Look for 6 and 4.
2. Join them to make 10.
3. Keep the 2: total 12.



2



6



4

$$2 + 6 + 4 = 12$$

GRADE 1 / MATHEMATICAL WORK TOOL

SWAPPING AND GROUPING ADDENDS

Draw, build or tell.



Draw up to ten counters in each frame. Two colors can show the two parts.



Date _____

SWAPPING AND GROUPING ADDENDS

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

 Mild

1. Fill $\square$: $2+4=4+\square$.

My answer or words: _____



Date _____

SWAPPING AND GROUPING ADDENDS

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

 Mild

2. Find $2+4+3$. Add $4+3$ first.

My answer or words: _____



GRADE 1 / PRACTICE

SWAPPING AND GROUPING ADDENDS

Draw, build or tell your thinking.



Use the worked-method reference when helpful. Draw, build or tell your thinking. An adult may read the directions.

🔊 Medium

3. Draw $4+2$. Circle the group that moved.

My answer or words: _____



GRADE 1 / PRACTICE

SWAPPING AND GROUPING ADDENDS

Draw, build or tell your thinking.



Use the worked-method reference when helpful. Draw, build or tell your thinking. An adult may read the directions.

🔊 Medium

4. Find $2+0$. Show what zero adds.

My answer or words: _____



GRADE 1 / PRACTICE

SWAPPING AND GROUPING ADDENDS

Draw, build or tell your thinking.



Use the worked-method reference when helpful. Draw, build or tell your thinking. An adult may read the directions.

🔊 Medium

5. Find $0+4$. Show what zero adds.

My answer or words: _____



GRADE 1 / PRACTICE

SWAPPING AND GROUPING ADDENDS

Draw, build or tell your thinking.



Use the worked-method reference when helpful. Draw, build or tell your thinking. An adult may read the directions.

🔥🔥🔥 Spicy

6. Digit says swapping $2+4$ adds a new bead. Is that right?

Large grid area for drawing or building a model.

My answer or words: _____



GRADE 1 / PRACTICE

SWAPPING AND GROUPING ADDENDS

Draw, build or tell your thinking.



Use the worked-method reference when helpful. Draw, build or tell your thinking. An adult may read the directions.

🌶️🌶️🌶️ Spicy

7. Draw a new way to group $2+4+3$.

My answer or words: _____



GRADE 1 / PRACTICE

SWAPPING AND GROUPING ADDENDS

Draw, build or tell your thinking.



Use the worked-method reference when helpful. Draw, build or tell your thinking. An adult may read the directions.

Extra Spicy

8. Can you swap subtraction just like $2+4$? Test $6-4$ and $4-6$.

Grid area for drawing or building thinking.

My answer or words: _____