



GRADE 3 / WATCH MR DJ SOLVE

SHARING AND GROUPING DIVISION

Start with the same example used in the lesson slides.

**WATCH MR DJ SOLVE****Share 12 counters equally among 3 children. How many does each child get?**

- 1** Draw 3 equal shares.
- 2** Deal all 12 counters one at a time.
- 3** $12 \div 3 = 4$ per child.

Answer: **4****REMEMBER** explain division as equal sharing or making equal groups.

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

SHARING AND GROUPING DIVISION

Read a complete example before trying the matching method.

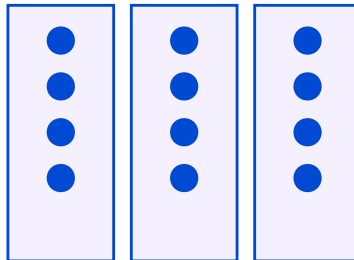


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Sharing

$12 \div 3 = 4$ in each

1. Start with 12 counters.
2. Make 3 equal shares.
3. Each share contains 4.



3 groups of 4 = 12



GRADE 3 / WORKED METHODS

SHARING AND GROUPING DIVISION

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.

Making groups

$12 \div 4 = 3$ groups

1. Start with 12 counters.
2. Put 4 counters in each group.
3. There are 3 full groups with none left.



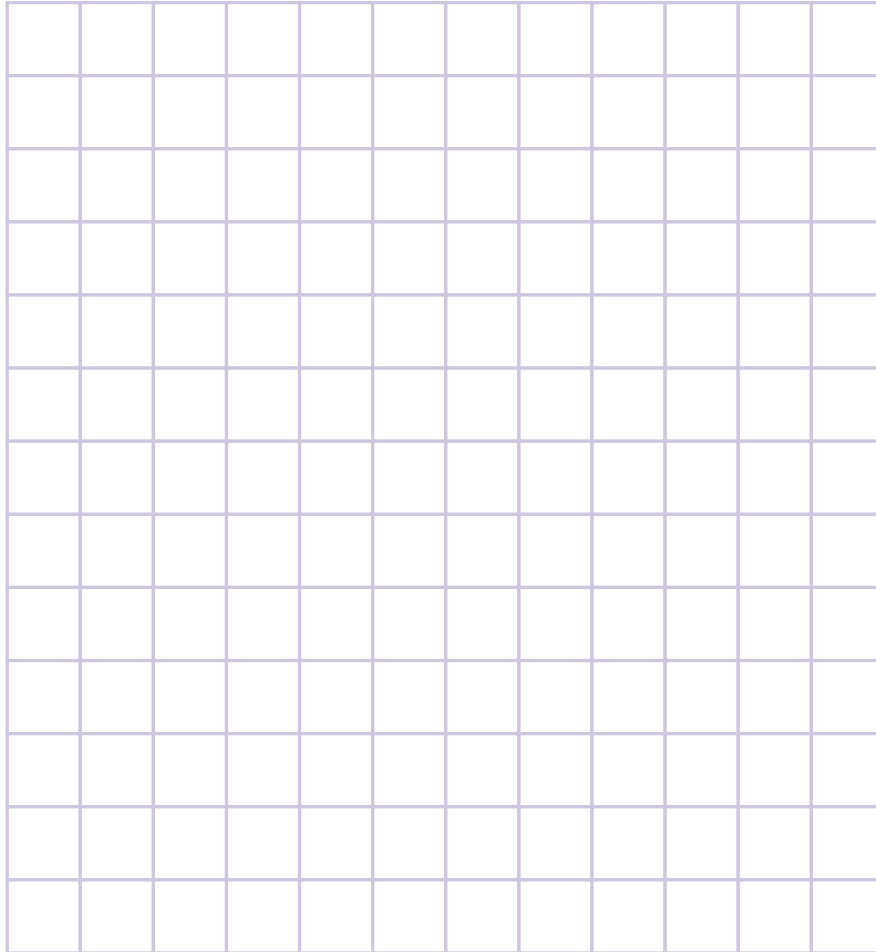
GRADE 3 / MATHEMATICAL WORK TOOL

SHARING AND GROUPING DIVISION

Use labels and a clear scale.



Draw and label a model. Choose what one unit square means.





Date _____

SHARING AND GROUPING DIVISION

A cartoon fox character with orange fur, large blue eyes, and a purple scarf. It is holding a yellow pencil in its right paw. The fox is smiling and looking towards the viewer.

 **Mild**

 Mild

My answer / conclusion: _____



Date _____

SHARING AND GROUPING DIVISION

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 3. 15 beads go into bracelets with 3 beads each. How many bracelets?

My answer / conclusion: _____



GRADE 3 / PRACTICE

SHARING AND GROUPING DIVISION

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.

Medium

4. Draw two meanings for $12 \div 3$: sharing among 3 children and making groups of 3.

My answer / conclusion: _____



GRADE 3 / PRACTICE

SHARING AND GROUPING DIVISION

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.

🔊 Medium

5. Write a sharing story for $20 \div 4$. Solve and label the answer.

Grid area for writing the sharing story and solution.

My answer / conclusion: _____



GRADE 3 / PRACTICE

SHARING AND GROUPING DIVISION

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 $12 \div 3 = 9$ because division means take away once. Repair this.

Grid area for working out the division problem.

My answer / conclusion: _____



Date _____

SHARING AND GROUPING DIVISION

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

Spicy 7. Explain why $12 \div 3$ and $12 \div 4$ may give different answers.

My answer / conclusion: _____



Date _____

SHARING AND GROUPING DIVISION

A cartoon fox character with orange fur, large blue eyes, and a purple scarf. It is holding a yellow pencil in its right paw. The fox is smiling and looking towards the viewer.

🔥🔥🔥 Extra Spicy 8. Make two division stories for 12, one asking for group size and one for number of groups.

My answer / conclusion: _____