



GRADE 1 / WATCH MR DJ SOLVE

MISSING NUMBERS IN EQUATIONS

Start with the same example used in the lesson slides.

**WATCH MR DJ SOLVE**Fill $\square$: $3 + \square = 7$.

- 1 Build the whole 7.
- 2 One part is 3.
- 3 The other part is 4.

Answer: 4**REMEMBER** find a hidden part or whole in an addition or subtraction equation.

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

MISSING NUMBERS IN EQUATIONS

Read a complete example before trying the matching method.

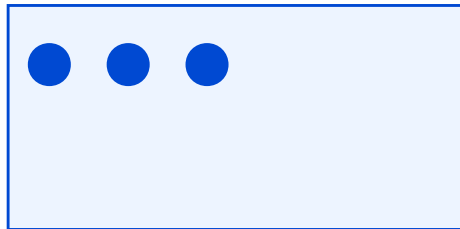


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

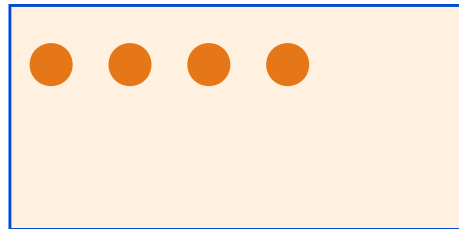
The box can hide a part

$3 + \square = 7$, so $\square = 4$

1. Build 7.
2. Mark the known 3.
3. The other part has 4.



Part: 3



Part: 4

$3 + 4 = 7$ in all



GRADE 1 / WORKED METHODS

MISSING NUMBERS IN EQUATIONS

Read a complete example before trying the matching method.

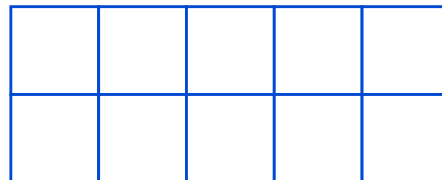
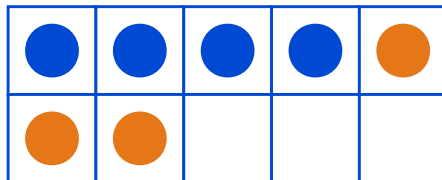


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

The box can hide the whole

$\square - 4 = 3$, so $\square = 7$

1. The parts are 4 and 3.
2. Join them to make the whole.
3. Check $7 - 4 = 3$.



$$4 + 3 = 7$$

7 counters in all



GRADE 1 / MATHEMATICAL WORK TOOL

MISSING NUMBERS IN EQUATIONS

Draw, build or tell.



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



Date _____

MISSING NUMBERS IN EQUATIONS

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

1. Fill $\square$: $\square + 4 = 7$.



Date _____

MISSING NUMBERS IN EQUATIONS

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

2. Fill $\square$: $7 - \square = 3$.



GRADE 1 / PRACTICE

MISSING NUMBERS IN EQUATIONS

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. Fill $\square$: $\square - 4 = 3$.

Grid area for drawing or building the answer.

My answer or words: _____



GRADE 1 / PRACTICE

MISSING NUMBERS IN EQUATIONS

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. Fill $\square$: $7=3+\square$.

Grid area for drawing or building the solution.

My answer or words: _____



GRADE 1 / PRACTICE

MISSING NUMBERS IN EQUATIONS

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. Fill $\square$: $7-4=\square$.

Grid area for drawing or building the answer.

My answer or words: _____



GRADE 1 / PRACTICE

MISSING NUMBERS IN EQUATIONS

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 fills $3 + \square = 7$ with 7. Does it work?

Grid area for drawing or showing thinking.

My answer or words: _____



GRADE 1 / PRACTICE

MISSING NUMBERS IN EQUATIONS

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 story for $\square - 4 = 3$. Find the box.

My answer or words: _____



GRADE 1 / PRACTICE

MISSING NUMBERS IN EQUATIONS

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. Use 3, 4 and 7 to make two equations with boxes in different places.

Grid area for drawing or building equations.

My answer or words: _____