



GRADE 1 / WATCH MR DJ SOLVE

MATH STORIES WITHIN 20

Start with the same example used in the lesson slides.

**WATCH MR DJ SOLVE****Tan has 5 beads. He gets 3 more. How many now?**

- 1 Build 5 beads.
- 2 Join 3 more.
- 3 $5+3=8$.

Answer: **8****REMEMBER** solve math stories with objects, pictures and equations.

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

MATH STORIES WITHIN 20

Read a complete example before trying the matching method.

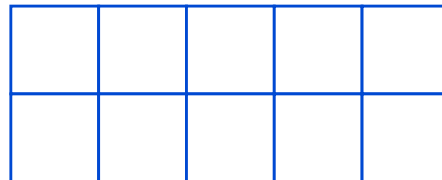
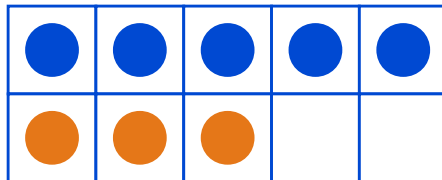


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Story parts and whole

5+3=8

1. Build 5 counters.
2. Join 3 more.
3. Count all 8.



$5 + 3 = 8$

8 counters in all



GRADE 1 / WORKED METHODS

MATH STORIES WITHIN 20

Read a complete example before trying the matching method.

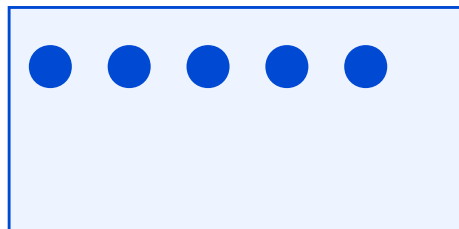


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

A missing story part

$\square + 3 = 8$, so $\square = 5$

1. Make the whole group of 8.
2. Set aside the 3 we know.
3. The other part has 5.



Part: 5



Part: 3

$5 + 3 = 8$ in all

GRADE 1 / MATHEMATICAL WORK TOOL

MATH STORIES WITHIN 20

Draw, build or tell.



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



GRADE 1 / PRACTICE

MATH STORIES WITHIN 20

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.

◀ Mild

1. 8 birds sit. 3 fly away. How many stay?

My answer or words: _____



GRADE 1 / PRACTICE

MATH STORIES WITHIN 20

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.

◀ Mild

2. Some shells and 3 more make 8. How many shells were there first?

My answer or words: _____



GRADE 1 / PRACTICE

MATH STORIES WITHIN 20

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. 5 blocks are in a box. Some join. Now there are 8. How many joined?

My answer or words: _____



GRADE 1 / PRACTICE

MATH STORIES WITHIN 20

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. Tan has 5 shells. Digit has 3. How many more does Tan have?

Grid area for drawing or building the solution.

My answer or words: _____



GRADE 1 / PRACTICE

MATH STORIES WITHIN 20

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. Digit has 3 beads. Tan has 2 more. How many does Tan have?

Grid area for drawing or building the solution.

My answer or words: _____



GRADE 1 / PRACTICE

MATH STORIES WITHIN 20

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 finds $5+3$ to answer “how many more” for 5 and 3. Does that work?

My answer or words: _____



GRADE 1 / PRACTICE

MATH STORIES WITHIN 20

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. 8 birds sit. Some leave. 5 stay. How many left?

My answer or words: _____



GRADE 1 / PRACTICE

MATH STORIES WITHIN 20

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. Make two stories for $5+3=8$. Hide a different number in each.

Grid area for drawing or writing.

My answer or words: _____