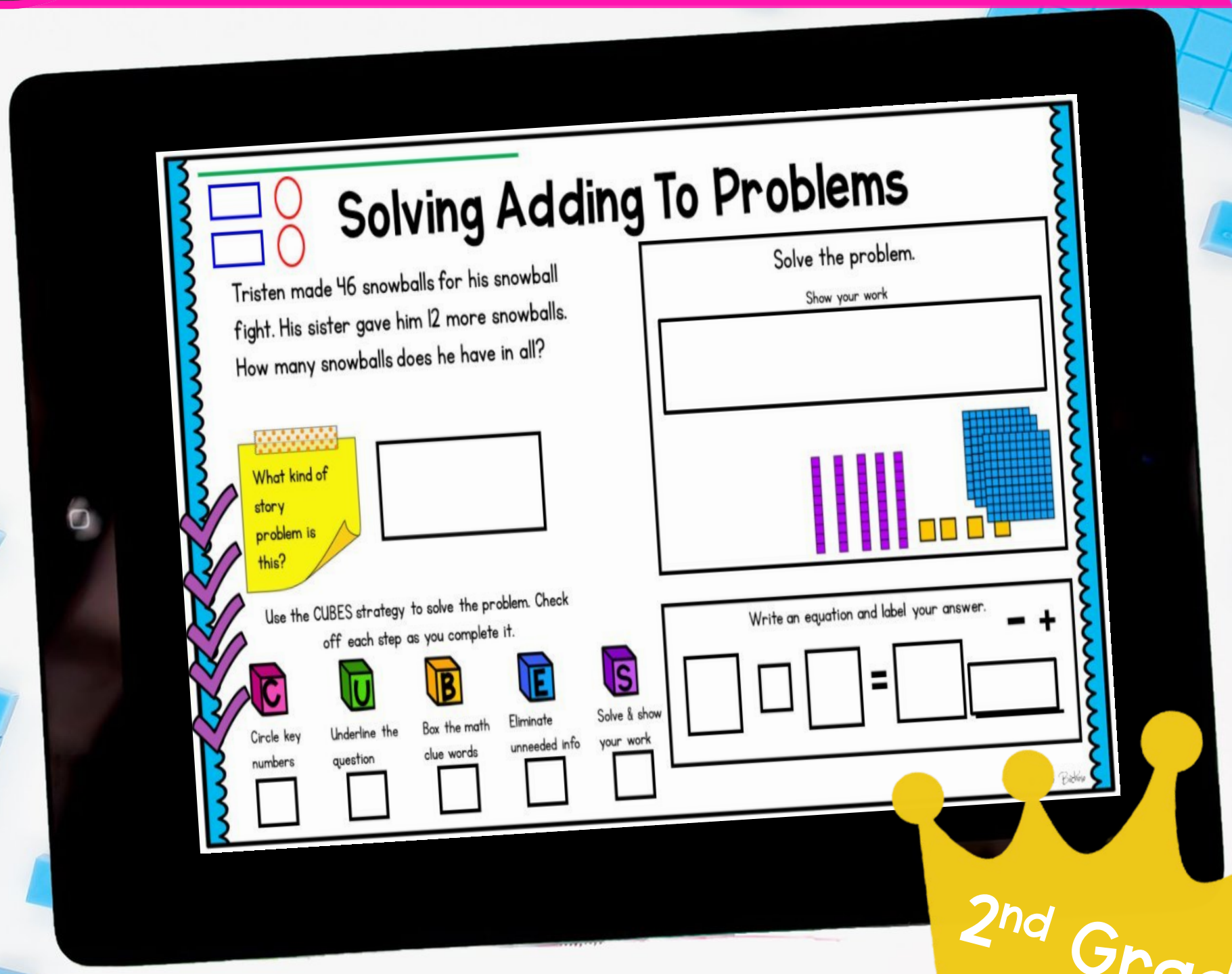
Solve One- and Two-Step Word Problems



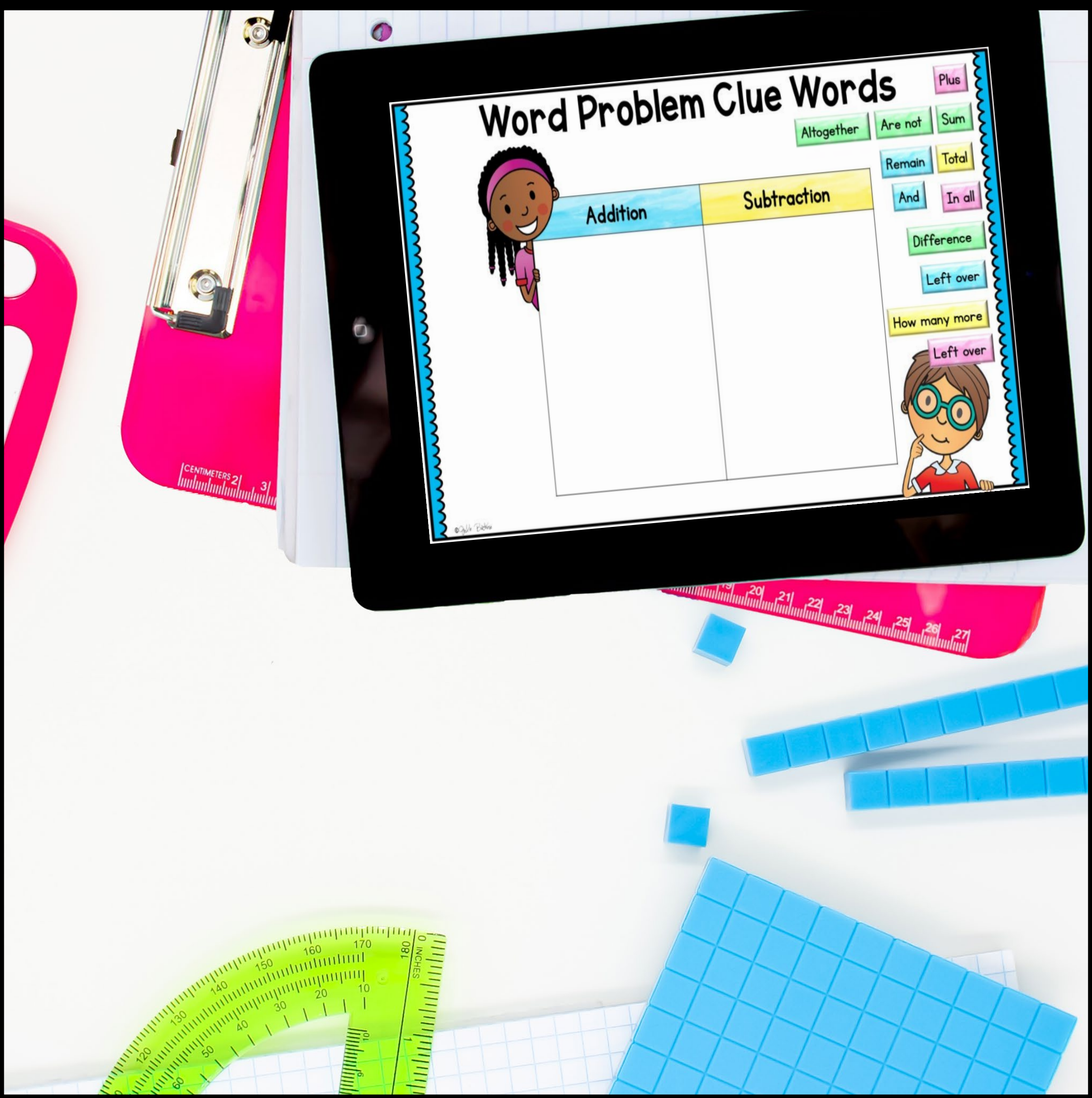
2nd Grade

Digital Lesson & Printable Recording Sheet

Types of Word Problems

Type of Word Problem	Description	Example
Result Unknown		The train had 34 passengers. 15 more passengers got on at the station. How many passengers are on the train now?
Comparing		Maleek has 45 baseball cards. Terry has 34 baseball cards. How many more baseball cards does Maleek have than Terry?
Unknown Number		In the morning, there were 74 pencils in the pencil cup. In the afternoon, there were 45 pencils in the cup. How many pencils were used during the day?
2 Step Problems		Jennifer baked 40 cookies for the bake sale on Friday and 25 cookies for the bake sale on Saturday. She sold 58 cookies. How many cookies does Jennifer have left?

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Word Problem Clue Words
Plus
Altogether
Are not
Sum
Remain
Total
And
In all
Difference
Left over
How many more
Left over
Addition
Subtraction

CUBES



_____ key numbers — Underline

_____ the question — Eliminate

_____ the math clue words — Box

_____ unneeded information — Solve

_____ and show your work — Circle

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Solving Adding To Problems

Tristen made 46 snowballs for his snowball fight. His sister gave him 12 more snowballs. How many snowballs does he have in all?

What kind of story problem is this?

Solve the problem.

Show your work

Write an equation and label your answer.

Use the CUBES strategy to solve the problem. Check off each step as you complete it.

- C — Circle key numbers
- U — Underline the question
- B — Box the math clue words
- E — Eliminate unneeded info
- S — Solve & show your work

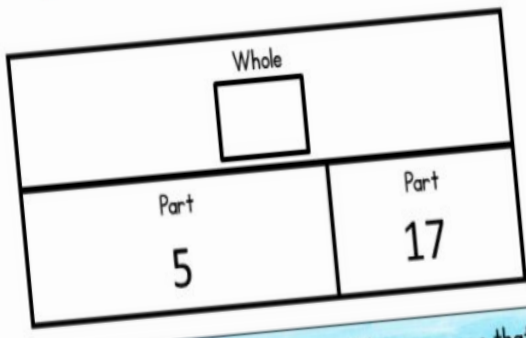
Word Problem Clue Words

Take a look at this example....

Kelly put some cookies on a plate. After Chris ate 5 17 cookies were left on the plate. How many cookies did Kelly put on the plate?

In this problem, the START is unknown. It says Kelly put some cookies on a plate. We don't know how many cookies were on the plate to begin with. When you have an unknown number, use a part/part whole model.

If I follow the steps for CUBES and box the key words, I see "left" which means subtract. Except this problem is NOT subtraction!



By looking at the part/part whole model, you can see that the whole is how many cookies were on the plate before Chris ate any. To find out, you must add the numbers.

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Name: _____ Date: _____

Solve Word Problems Lesson Recording Sheet: Day 1

Explore: Write the type of word problem next to the example.

Example 1: There are 43 kids signed up for Karate class. If 19 more kids sign up, how many kids are signed up for Karate? _____

Example 2: Mrs. Smith's class turtle finished the race in 63 seconds and Mrs. Doon's class turtle finished the race in 45 seconds. How much faster was Mrs. Doon's class turtle? _____

Example 3: Lucas had some candy in a goodie bag. His little sister ate 11 pieces. If he has 33 pieces left, how many pieces did he start with? _____

Example 4: I saw 27 animals at the park. 6 were frogs, 12 were squirrels, how many were turtles? _____

Collaborate and Share: Work with a partner or your group to write your own word problem. Write a response to the class explaining what kind of word problem it is and how you know.

This problem is a...



Name: _____ Date: _____

Solve Word Problems Lesson Recording Sheet: Day 3

Solving Taking From Problems

Tyler filled his gas tank up with 33 gallons of gas. He used 16 gallons driving to his soccer game. How many gallons does he have left?

What kind of story problem is this?

Solve the problem.

Show your work

Use the CUBES strategy to solve the problem.

C U B E S

Write an equation and label your answer.

_____ _____ = _____

Explore

Dan has 36 sports stickers. He gave Mark 22 stickers. How many stickers does Dan have left?

What kind of story problem is this?

Solve the problem.

Show your work

Use the CUBES strategy to solve the problem.

C U B E S

Write an equation and label your answer.

_____ _____ = _____

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