

Math Talk Moves

Use equations and words to show your thinking.

GRADE 2 • TEKS 2.1.G

2.1.G "display, explain, and justify mathematical ideas and arguments using precise mathematical language in written or oral communication."

NAME _____

DATE _____

SHOW YOUR THINKING

Write an equation that matches the story. Use words such as add, subtract, total, and left to tell why your equation works.

WORKED EXAMPLE

Ravi has 10 marbles. He gets 3 more marbles. How many marbles does Ravi have now?

1. Start with 10 marbles.
2. Add 3 more marbles.
3. Write $10 + 3 = 13$.
4. The total is 13 marbles.

Answer: 13 marbles

PRACTICE 4 problems

- 1** Tia has 7 apples. She eats 2 apples. Write an equation and tell how many apples are left.

ANSWER _____

- 2** Ben has 6 toy blocks. He gets 8 more toy blocks. Write an addition equation.

ANSWER _____

- 3** A pet has 16 treats. It eats 9 treats. Fill in the blank: $16 - 9 = \underline{\quad}$.

ANSWER _____

- 4** Noor has 5 shells. She finds 7 more shells. Write an equation and a sentence that tells why you add.

ANSWER _____

APPLY IT Show your work

- 1** At the snack stand, Lee puts 9 bananas and 6 oranges in a basket. How many pieces of fruit are in the basket? Write an equation and a sentence.

WORK SPACE

ANSWER _____

- 2** Maya has 18 stickers. She gives 7 stickers to a friend. How many stickers does Maya have left? Write an equation and a sentence.

WORK SPACE

ANSWER _____

CHALLENGE One step up

A game store has 17 yo-yos. It sells 8 yo-yos. Write an equation. Then explain why subtraction, not addition, solves the problem.

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Tia has 7 apples. She eats 2 apples. Write an equation and tell how many apples are left.	$7 - 2 = 5$. Tia has 5 apples left.
2	Ben has 6 toy blocks. He gets 8 more toy blocks. Write an addition equation.	$6 + 8 = 14$
3	A pet has 16 treats. It eats 9 treats. Fill in the blank: $16 - 9 = \underline{\quad}$.	7
4	Noor has 5 shells. She finds 7 more shells. Write an equation and a sentence that tells why you add.	$5 + 7 = 12$. I add because Noor finds more shells.

PART 2 • APPLY IT

- $9 + 6 = 15$. There are 15 pieces of fruit in the basket.** Add the two groups of fruit: $9 + 6 = 15$.
- $18 - 7 = 11$. Maya has 11 stickers left.** Subtract the stickers Maya gives away: $18 - 7 = 11$.

CHALLENGE

$17 - 8 = 9$. I subtract because 8 yo-yos are sold, so there are fewer yo-yos left.

Accept equivalent equations and clear sentences that correctly use add or subtract. Students may use different correct wording to explain why the operation matches the story.