

Show Your Math

Use equations, number lines, and words to share your thinking.

GRADE 3 • TEKS 3.1.D

3.1.D "communicate mathematical ideas, reasoning, and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate;"

NAME _____

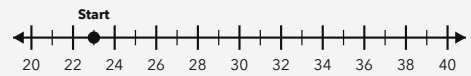
DATE _____

SHARE THE IDEA

Use an equation to show the math. Use a number line or words to show how the numbers change and what the answer means.

WORKED EXAMPLE

Use the number line to solve $23 + 16$.

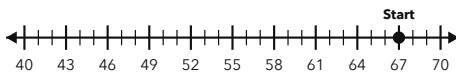


1. Start at 23.
2. Jump 10 to 33.
3. Jump 6 to 39.
4. Write the equation: $23 + 16 = 39$.

Answer: 39

PRACTICE 5 problems

- 1** Use the number line. Write the subtraction equation for 67 take away 25.



ANSWER _____

- 2** Fill in the blank. Then write a subtraction equation to check it. $57 + \underline{\quad} = 75$

ANSWER _____

- 3** Mia says $58 - 17 = 51$. Is Mia correct? Write the correct equation.

ANSWER _____

- 4** There are 6 bags with 8 marbles in each bag. Write an equation and a sentence that tells the total.

ANSWER _____

- 5** Write a word sentence that tells what $72 - 29 = 43$ means.

ANSWER _____

APPLY IT Show your work

- 1** Leo puts 4 trading cards on each of 7 pages in his album. Write an equation and a sentence to tell how many cards Leo has in the album.

WORK SPACE

ANSWER _____

- 2** In a game, Nia earns 63 coins and spends 26 coins. Write an equation and a sentence to tell how many coins she has left.

WORK SPACE

ANSWER _____

CHALLENGE One step up

A library gets 125 new comic books. It puts 48 comic books on a display. Explain how many comic books are not on the display. Use two equations and a sentence.

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Use the number line. Write the subtraction equation for 67 take away 25.	$67 - 25 = 42$
2	Fill in the blank. Then write a subtraction equation to check it. $57 + \underline{\quad} = 75$	18; $75 - 57 = 18$
3	Mia says $58 - 17 = 51$. Is Mia correct? Write the correct equation.	No. $58 - 17 = 41$.
4	There are 6 bags with 8 marbles in each bag. Write an equation and a sentence that tells the total.	$6 \times 8 = 48$. There are 48 marbles in all.
5	Write a word sentence that tells what $72 - 29 = 43$ means.	If there are 72 things and 29 are taken away, 43 things remain.

PART 2 • APPLY IT

- $7 \times 4 = 28$. Leo has 28 trading cards in the album.** Multiply the 7 pages by 4 cards on each page. The product is 28.
- $63 - 26 = 37$. Nia has 37 coins left.** Subtract the coins spent from the coins earned. 63 minus 26 equals 37.

CHALLENGE

$125 - 40 = 85$. $85 - 8 = 77$. There are 77 comic books not on the display.

Accept equivalent equations, including reversed factors in multiplication. Accept clear word sentences that match the equation and answer.