

1. Use mental math. Which weights can you put on the scale to make it balance?



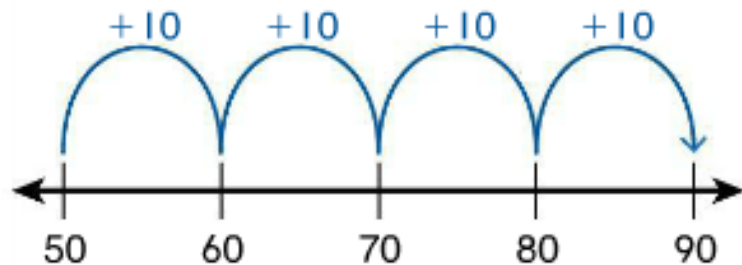
- (A) 10 40 (C) 40 33
 (B) 10 21 (D) 33 10

2. Terry has 63 crayons. She gets 25 more crayons. How many crayons does Terry have in all? Show your work.

_____ crayons

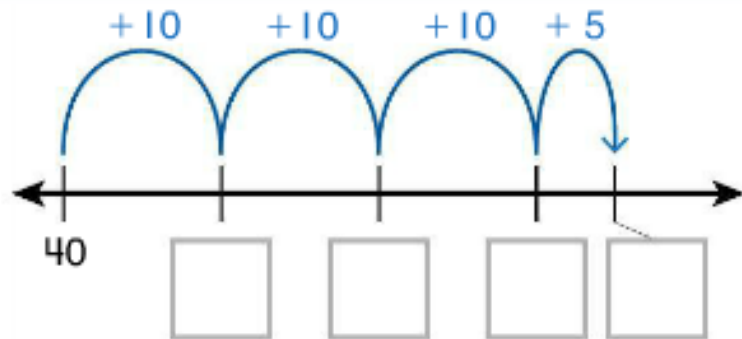
3. Which equation does this number line show?

- (A) $50 + 30 = 80$ (C) $50 + 50 = 100$
 (B) $50 + 40 = 90$ (D) $50 + 90 = 140$



4. Use the numbers on the cards. Write the missing numbers under the number line to show how to find the sum of $40 + 35$.

- 75 60 50 70



5. Colin has 54 pennies and 28 nickels.
How many coins does Colin have?

Break apart the numbers to solve.
Show your work.

_____ coins

6. Show how to add $68 + 16$ using the open number line.



$$68 + 16 = \underline{\hspace{2cm}}$$

7. **Part A** Show how you can use an open number line to find $44 + 27$.



$$44 + 27 = \underline{\hspace{2cm}}$$

- Part B** In words, tell how you used the open number line to find the sum.

8. Which has a sum of 70? Choose all that apply.

$35 + 35$

$40 + 30$

$45 + 45$

$50 + 20$

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9. Lisa has 18 markers.
Adam has 22 markers.
How many markers are there in all?
Choose a tool to solve the problem.

_____ markers

10. Ted has 52 cards in a box.
Tyrone has 48 more cards than Ted.
How many cards does Tyrone have?

_____ cards

11. Which is equal to $47 + 25$? Choose all that apply.

$40 + 20 + 7 + 5$ $40 + 20 + 12$ $50 + 12$ $50 + 22$

12. Emma has 46 rocks.
She gets 25 more rocks from Gus.
How many rocks does Emma have now?

41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80

_____ ○ _____ = _____
_____ rocks

13. Is each sum 64? Choose Yes or No.

$22 + 34 + 8$ Yes No

$32 + 32$ Yes No

$28 + 34 + 2$ Yes No

$42 + 14 + 8$ Yes No

14. Break apart numbers to find $56 + 38$.

Show your work.

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$56 + 38 = \underline{\quad}$	

15. Write an equation to solve each part of the two-step problem.

Ken has 45 stamps.

He uses 20 stamps.

Then he buys 7 more stamps.

How many stamps does he have now?

$\underline{\quad}$	\bigcirc	$\underline{\quad}$	$=$	$\underline{\quad}$
$\underline{\quad}$	\bigcirc	$\underline{\quad}$	$=$	$\underline{\quad}$
Ken has $\underline{\quad}$ stamps.				

16. Show two different ways to find $28 + 49$.

Way 1

Way 2