

Name \_\_\_\_\_

1. Which have a sum of 71?  
Choose all that apply.

$33 + 28$

$29 + 42$

$55 + 42$

$42 + 29$

$20 + 51$

2. Kathy has 44 markers.  
She gets 25 more markers.  
How many markers does  
Kathy have in all? Show  
your work.

\_\_\_\_\_ markers

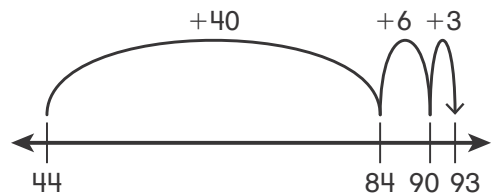
3. Which equation does this number line show?

(A)  $44 + 46 = 90$

(B)  $44 + 39 = 83$

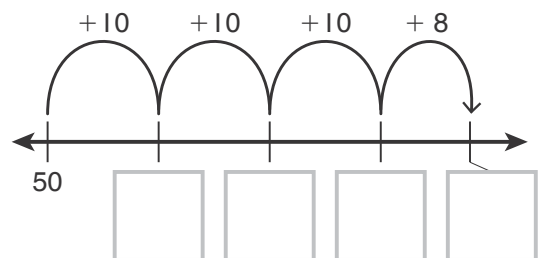
(C)  $44 + 49 = 93$

(D)  $44 + 50 = 94$



4. Use the numbers on the cards.  
Write the missing numbers under  
the number line to show how to  
find the sum of  $50 + 38$ .

70	88	80	60
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5. Kevin has 27 cards.  
He buys 65 cards.  
How many cards does  
Kevin have now?

Break apart the second  
addend to solve.  
Show your work.

\_\_\_\_\_ cards

6. Show how to add  $58 + 16$   
using the open number line.



$$58 + 16 = \underline{\quad}$$

**7. Part A**

Show how you can use an  
open number line to find  
 $49 + 37$ .



$$49 + 37 = \underline{\quad}$$

**Part B**

In words, tell how you used  
the open number line to find  
the sum.

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8. Which have a sum of 50? Choose all that apply.

- |                                    |                                    |                                    |
|------------------------------------|------------------------------------|------------------------------------|
| <input type="checkbox"/> $25 + 15$ | <input type="checkbox"/> $25 + 25$ | <input type="checkbox"/> $35 + 15$ |
| <input type="checkbox"/> $10 + 40$ | <input type="checkbox"/> $30 + 30$ |                                    |

9. Carol has 27 books. Justin has 15 books. Will all of the books fit on a shelf that can hold 35 books?

Make a math argument.  
Explain.

10. Abe has 33 pens. Marcy has 57 more pens than Abe. How many pens does Marcy have? Show your work and explain your thinking.

\_\_\_\_\_ pens

11. Which are equal to  $27 + 55$ ? Choose all that apply.

- $20 + 50 + 7 + 5$         $30 + 52$   
  $30 + 55$         $20 + 50 + 12$

12. Gail has 57 pennies. She gets 18 more pennies from Cara. How many pennies does Gail 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
81	82	83	84	85	86	87	88	89	90

\_\_\_\_\_ ○ \_\_\_\_\_ = \_\_\_\_\_  
\_\_\_\_\_ pennies

13. Is each sum 48? Choose Yes or No.

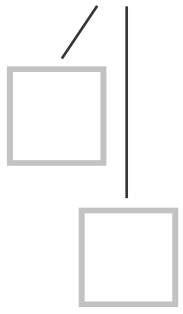
$20 + 20 + 8$     Yes    No

$24 + 24$     Yes    No

$8 + 18 + 22$     Yes    No

$38 + 20$     Yes    No

14. Break apart the second addend to find  $16 + 67$ . Show your work.



$16 + 67 = \underline{\quad}$

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

Matt has 44 seeds.  
He gives away 10 seeds.  
Then he buys 8 more seeds.  
How many seeds does he have now?

$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$

$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$

Matt has  $\underline{\quad}$  seeds.

16. Show two different ways to find  $33 + 59$  using compensation.

Way 1

Way 2