

Name _____

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

$33 + 28$

1 point

$29 + 42$

$55 + 42$

$42 + 29$

$20 + 51$

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

Check students' work.

69 markers

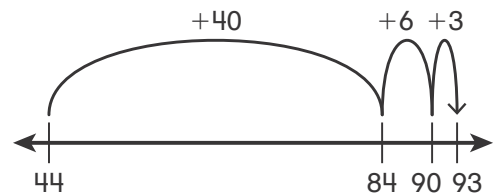
3. Which equation does this number line show? **1 point**

(A) $44 + 46 = 90$

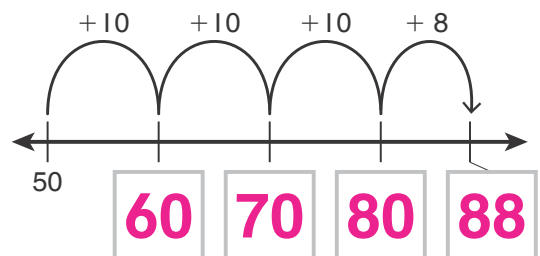
(B) $44 + 39 = 83$

(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 $50 + 38$. **1 point**



70

88

80

60

5. Kevin has 27 cards.
He buys 65 cards.
How many cards does
Kevin have now?

Break apart the second
addend to solve.

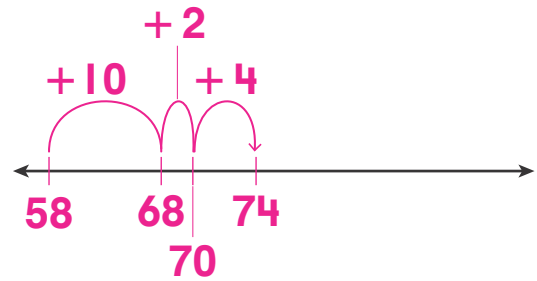
Show your work. **2 points**

**Break apart 65 into
60 + 5. Add tens and
ones: $27 + 60 = 87$;
 $87 + 3 = 90$;
 $90 + 2 = 92$**

92 cards

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

**Check students'
drawings. Sample
answer given.**

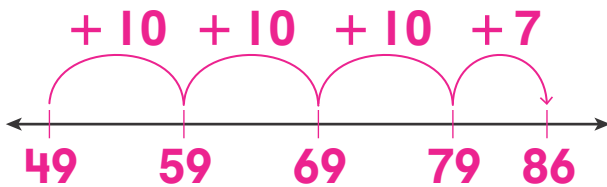


$$58 + 16 = \underline{74}$$

7. Part A

Show how you can use an
open number line to find
 $49 + 37$. **2 points**

Sample work shown.



$$49 + 37 = \underline{86}$$

Part B

In words, tell how you used
the open number line to find
the sum. **1 point**

Sample answer:
Place 49 on the line.
Count on 3 tens to
79. Then count on
7 ones from 79.
You land on 86.

8. Which have a sum of 50? Choose all that apply. **1 point**

$25 + 15$

$25 + 25$

$35 + 15$

$10 + 40$

$30 + 30$

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. **2 points**

Sample answer given.
No; There are 42 books and only 35 can fit on the shelf.
 $27 + 15 = 42$ and $42 > 35$.

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. **2 points**

Sample answer given.
 $33 + 57 = ?$
Add tens:
Break apart 57 into 50 + 7. Add tens and ones: $33 + 50 = 83$;
 $83 + 7 = 90$

90 pens

11. Which are equal to $27 + 55$? Choose all that apply. **1 point**

$20 + 50 + 7 + 5$

$30 + 52$

$30 + 55$

$20 + 50 + 12$

12. Gail has 57 pennies. She gets 18 more pennies from Cara. How many pennies does Gail have now? **2 points**

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

$57 + 18 = 75$
75 pennies

13. Is each sum 48? Choose Yes or No. **1 point**

$20 + 20 + 8$ 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. **2 points**

$16 + 67$

$16 + 60 = 76$

$76 + 7 = 83$

$16 + 67 = \underline{83}$

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

2 points

Matt has 44 seeds.

He gives away 10 seeds.

Then he buys 8 more seeds.

How many seeds does he have now?

$44 - 10 = 34$

$34 + 8 = 42$

Matt has 42 seeds.

16. Show two different ways to find $33 + 59$ using compensation. **1 point**

Way 1

Way 2

92; Check students' work.