1. Jill has 58 stickers. Her brother gives her 27 more stickers. How many stickers does Jill have now?

   Ⓐ 31

   Ⓑ 63

   Ⓒ 75

   Ⓓ 85

2. Which are equal to $54 + 38$? Choose all that apply.

   ☐ $50 + 30 + 4 + 8$

   ☐ $80 + 12$

   ☐ 82

   ☐ 92

   ☐ $50 + 40 + 12$

3. Is the sum equal to 73? Choose Yes or No.

   $28 + 45 = ?$ ○ Yes   ○ No

   $40 + 30 = ?$ ○ Yes   ○ No

   $15 + 60 = ?$ ○ Yes   ○ No

   $58 + 15 = ?$ ○ Yes   ○ No

4. Find $35 + 14$ using partial sums. Show how you solved the problem.

5. Which is the sum of 42 + 28?

  (A) 71

  (B) 70

  (C) 68

  (D) 60

6. Which are equal to 46 + 8 + 4? Choose all that apply.

  ☐ 50 + 8

  ☐ 40 + 10 + 8

  ☐ 40 + 20 + 8

  ☐ 58

  ☐ 40 + 10 + 4

7. What is the sum of 18 + 32 + 5? Show your work.

18 + 32 + 5 = _____.

8. Find the sum of 43 + 29. Then subtract 10 from that sum. Show and explain your work.

The answer is _____.

9. Part A

Find the sum. Use a strategy.
Show your work.

$45 + 17 + 25 + 4 =$ _____

Part B

Explain how you found the sum and why
your strategy works.

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10. Carlie has 14 pencils. Then she gets 8 more pencils.
She has 12 friends. She gives each friend one pencil.
How many pencils does she have left? Use equations to
show your work.

_____ pencil(s)

11. What is the sum $58 + 27$?

Draw place-value blocks and show your work in the box at the right.

$58 + 27 = \underline{\hspace{1cm}}$

12. Each equation has a missing addend.
Find it in the number cards.
Draw lines to match. Then write each missing addend in the boxes.

3
5
7
9

○ $5 + 8 + \boxed{} + 13 = 33$

○ $21 + 7 + 4 + \boxed{} = 41$

○ $37 + \boxed{} + 18 + 11 = 69$

○ $45 + \boxed{} + 28 + 10 = 88$

13. Lisa has 13 more dimes than Doug. Doug has 39 dimes. How many dimes does Lisa have?

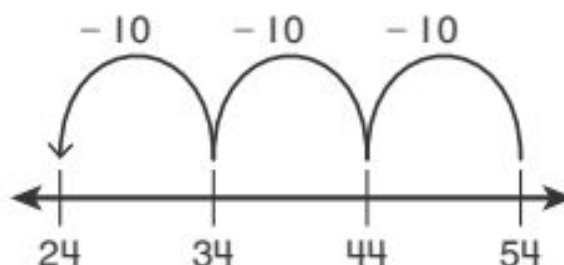Use the bar diagram to model and solve the problem. Show your work.

$\underline{\hspace{1cm}}$ dimes

1. A flower shop has 54 roses. Then they sell 26 roses.
The flower shop finds 10 more roses hidden away.
How many roses do they have now?

Ⓐ 97 　　　　 Ⓑ 32 　　　　 Ⓒ 38 　　　　 Ⓓ 28

2. Gina thinks this number line models $54 + 30 = 84$. She thinks
3 tens have been added to 54. Is she correct? Choose the
correct explanation.

Ⓐ No. The number line shows
starting at 54 and counting
back by 3 tens.

-10 　　 -10 　　 -10

24 　　 34 　　 44 　　 54

Ⓑ Yes. The number line shows
starting at 54 and counting on 3 tens.

Ⓒ No. The number line shows starting at 24 and counting
on 3 tens.

Ⓓ No. The number line shows starting at 54 and counting
back 4 tens.

3. Jasmine has 78 beads.
She uses 25 beads to make a necklace.

How many beads does Jasmine have now? Write an equation
to show your work and solve.

___ ◯ ___ = ___

___ beads

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

4. Which is the difference of 45 − 8?

- (A) 53
- (B) 38
- (C) 37
- (D) 33

5. Jared has 59 coins. 18 of the coins are pennies. 22 coins are nickels. The rest of the coins are dimes. How many of the coins are dimes?

- (A) 18
- (C) 21
- (B) 19
- (D) 29

6. Mike has 26 pencils. Then he gives away 8 pencils. Which equations can be used to find how many pencils Mike has left?

- (A) $24 + 4 = 30$ and $30 + 4 = 34$
- (B) $26 − 6 = 20$ and $20 − 2 = 18$
- (C) $26 − 10 = 16$ and $16 + 8 = 24$
- (D) $26 + 10 = 36$ and $36 − 2 = 34$

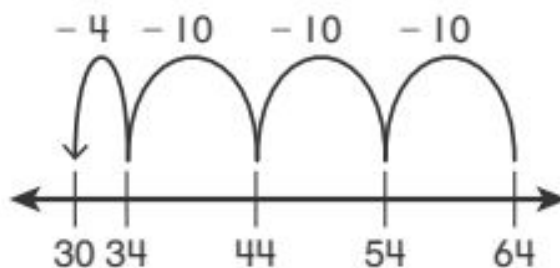**7.** Subtract. Break apart the number you are subtracting. Show your work.

$$63 − 9 = ?$$

$63 − 9 = $ _____

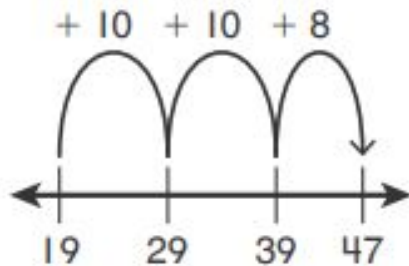**8. Part A** Write the equation that the number line shows.

Part B Then, explain what the jumps are showing.

_____ − _____ = _____

−4   −10   −10   −10

30 34   44   54   64

9. The number line shows adding up to subtract to find $47 - 19$. What is the difference? Explain how you know.

+ 10   + 10   + 8

19   29   39   47

10. Use the open number line to find the difference.

$$60 - 25 = ?$$

$60 - 25 = \underline{\hspace{2cm}}$

---

11. A. 47 children are at the park. 18 children leave.
How many children are left?
Will adds 3 to 47 to make an easier problem, $50 - 18$.
He says 32 children are left.
Circle whether you agree or do not agree.

Agree   **Do Not Agree**

B. Explain why you agree or do not agree with Will's strategy.

12. Use the open number lines. Show two different ways to find $51 - 13$. Show your work.

One Way

←————————————→

$51 - 13 =$ _____

Another Way

←————————————→

$51 - 13 =$ _____

13. Use the number cards to find the missing numbers. What strategy did you use to solve the problem? Explain.

| 6 | 28 | 60 | 88 |

$$82 - 54 = \underline{\quad}$$

$$+ 6 \qquad \boxed{+}$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

14. 6 black cats and 5 orange cats are in the barn. Then 8 cats leave. How many cats are still in the barn? Solve. Show your work.

Step 1

Step 2

_____ cats

1. Which is the difference of 53 − 4? You may draw place-value blocks.

Ⓐ 46

Ⓑ 47

Ⓒ 48

Ⓓ 49

Tens	Ones

2. Mr. Musial has 62 apples. He gives away 28 of the apples. How many apples are **NOT** given away? Show your work.

_____ apples are **NOT** given away.

3. A pet store has 58 goldfish. The store also has 23 sunfish. 7 fish are sold. How many fish are **NOT** sold?

Ⓐ 88

Ⓑ 75

Ⓒ 74

Ⓓ 28

4. Dan has 58 shells. Kelsey has 6 fewer shells than Dan. Kelsey gives 8 shells to her friend.

Part A

Which pair of equations should be used to find how many shells Kelsey has now?

Ⓐ $58 − 6 = 52$
    $52 − 8 = 44$

Ⓑ $58 − 6 = 52$
    $52 + 8 = 60$

Ⓒ $58 + 6 = 64$
    $64 − 8 = 56$

Ⓓ $58 + 6 = 64$
    $64 + 8 = 72$

Part B

How many shells does Kelsey have now?

_____ shells

5. Marvin wants to find $75 - 32$ using place-value blocks.

Will Marvin need to regroup to find the difference? Which is correct?

Ⓐ Yes; 75 should be regrouped as 7 tens and 15 ones.

Ⓑ No; Regrouping was not used.

Ⓒ Yes; 32 should be regrouped as 2 tens and 12 ones.

Ⓓ Yes; 75 should be regrouped as 6 tens and 15 ones.

6. Carrie makes 42 muffins for a bake sale. She sells 17 muffins on Monday. She sells 23 muffins on Tuesday. How many muffins does Carrie have left to sell?

Part A
Which pair of equations should be used to find how many muffins Carrie has left to sell?

Ⓐ $42 + 17 = 59$
$59 - 23 = 36$

Ⓑ $42 - 17 = 25$
$25 - 17 = 8$

Ⓒ $17 + 23 = 40$
$42 - 40 = 2$

Ⓓ $42 + 23 = 65$
$65 - 23 = 42$

Part B
How many muffins does Carrie have left to sell?

_____ muffins

7. Circle the problem that you will use regrouping of place-value blocks to solve. Then draw blocks to show how you know.

$$88 - 25 \qquad 75 - 68$$

8. Jackie has 71 crayons. Brad has 54 crayons. Mark has 35 crayons. How many fewer crayons does Mark have than Jackie?

Show how you can break apart a number and use partial differences to solve.

_____ fewer crayons

9. Which numbers will complete this partial differences problem for $74 - 57$? Choose all that apply.

$$\begin{array}{r} 74 \\ -50 \\ \hline ? \\ -4 \\ \hline 20 \\ -3 \\ \hline ? \end{array}$$
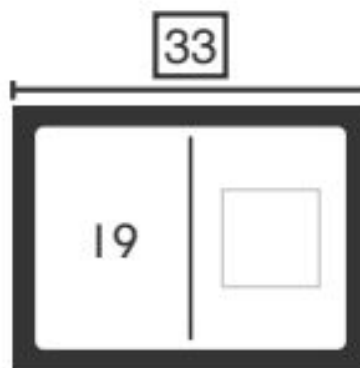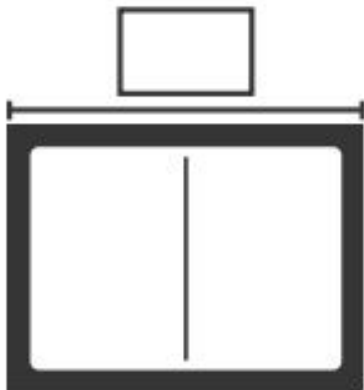
☐ 16

☐ 17

☐ 23

☐ 24

☐ 34

10. Use any strategy to find $33 - 19$. Show your work. Write the missing part in the bar diagram.

33

19

$$33 - 19 = \underline{\quad}$$

11. Scott buys 60 baseball cards. He gives 23 cards to Miguel. How many cards does Scott have now? Show the problem in a bar diagram with a ? for the unknown number. Then write an equation to solve the problem.

_____ ◯ _____ = _____ cards

12. Find $52 - 34$. Use partial differences to solve. Show your work.

$52 - 34 = $ _____

13. Choose all of the problems that you will solve by regrouping if you subtract using place-value blocks. Draw blocks if needed.

☐ $36 - 0 = ?$

☐ $48 - 24 = ?$

☐ $36 - 15 = ?$

☐ $53 - 19 = ?$

☐ $65 - 37 = ?$

14. Find $64 - 25$. Use any strategy to solve. Then explain why your strategy works.

Name _____2.OA.A1, 2.OA.B2, 2.NBT.B, 2.NBT.B5_____

I. Milo has 37 pencils. He buys some more. Now Milo has 54 pencils. How many pencils does Milo buy?

Use the bar diagram to help you write an equation.

Then use the open number line to solve.

_____ ◯ _____ = _____

_____ pencils

2. David has 23 more stamps than Leah. David has 42 stamps. How many stamps does Leah have?

Part A

Can you use the equation to solve the problem? Circle Yes or No.

$? + 23 = 42$ ◯ Yes ◯ No

$42 + 23 = ?$ ◯ Yes ◯ No

$42 - 23 = ?$ ◯ Yes ◯ No

$23 + ? = 42$ ◯ Yes ◯ No

Part B

How many stamps does Leah have?

_____ stamps

3. Brad has 14 fewer dimes than Elena. Elana has 65 dimes. How many dimes does Brad have?

Solve any way you choose. Show your work.

_____ dimes

4. Write a number story for $75 - 28 = ?$. Then solve the story problem.

$75 - 28 =$ _____

5. Jacob needs 86 beads to make a necklace. The colors of the beads he needs are red, yellow, and blue. He has 34 red beads and 17 yellow beads. How many blue beads does Jacob need?

Write equations to solve. Then write the answer.

____ ◯ ____ = ____

____ ◯ ____ = ____

Jacob needs _____ more beads.

6. Ava has 47 more crayons than Ben. Ava has 71 crayons. How many crayons does Ben have?

Explain how you will solve the problem. Then solve.

Ben has _____ crayons.

7. Willie collects cans to be recycled. The table shows the number of cans he has collected.

Number of Cans	
Thursday	16
Friday	25
Saturday	34

Part A

How many fewer cans did Willie collect on Thursday than on Saturday?

_____ fewer cans

Part B

Willie collects some more cans on Sunday. He now has 90 cans. Find the missing number in the equation to find how many cans Willie collects on Sunday.

$16 + 25 + 34 +$ _____ $= 90$

---

8. Find the missing number that makes each equation true.

$21 - 10 = 15 -$ _____

$49 + 20 = 39 +$ _____

9. Find the missing number that makes each equation true.

$32 +$ _____ $= 19 + 6 + 15$

$57 - 3 = 10 + 20 +$ _____