Quarter 1 Unit Study Guide          Name: <u>Answer Key</u>
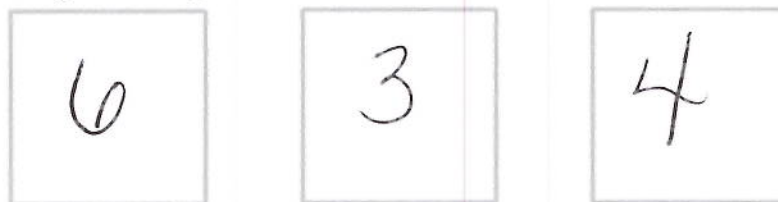
1. What number is 1 more than 89? <u>90</u>
2. What is 5 less than 40? <u>35</u>
3. What is 5 more than 90? <u>95</u>
4. What number is 10 more than 50? <u>60</u>
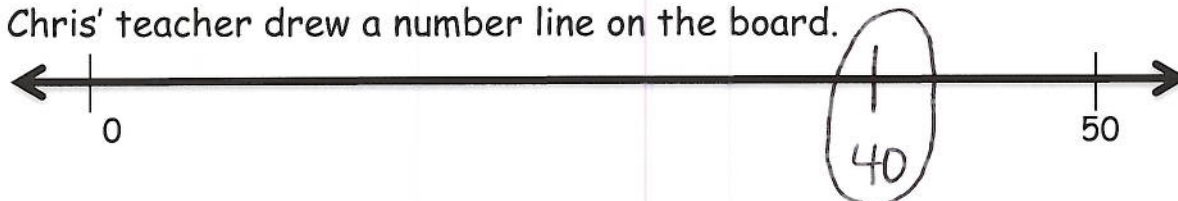
Carol has three number cards:

| 3 | 6 | 4 |

5. What is the largest 3-digit number that Carol can make with her cards?

| 6 | 3 | 4 |

6. What is the smallest 3-digit number that Carol can make with her cards?

| 3 | 4 | 6 |

Chris' teacher drew a number line on the board.

0                    40          50

7. About where would 40 be? Place 40 on the number line where it belongs.

8. Kiara likes to jump rope. When she jumps, she likes to skip-count by 5s, 10s, and 100s. If Kiara skip-counts by 5s, how many jumps will it take to reach 25? **5 jumps**

9. Skip-count by 10s. What comes next?

21, **31**, **41**, **51**, **61**, **71**, **81**

Aisha likes to draw with sidewalk chalk. She wrote the following numbers. Use the symbols, <, >, and = to compare the numbers that she wrote.

10.     678   **>**   404

11.     770   **<**   999

12.     332   **>**   323

Help Matthew write in expanded notation. Write the following numbers in expanded form (ex. 496 = 400 + 90 + 6)

13.     431 = **400 + 30 + 1**

14.     318 = **300 + 10 + 8**

15.     603 = **600 + 0 + 3**

16.     Write 800 + 3 in standard form. **803**

17.     How would you write 204 with words?
**two hundred four**

18. What is the value of 9 in 928? **900**

19. What is the value of 8 in 928? **8**

| | | | | | |
|---|---|---|---|---|---|
|  | | | | | |
|  | | | | | |

20. Look at the bar graph. Do more second graders like P.E. or art for specials? Circle your answer.

art                    (P.E.)

| Cookie baking competition | |
|---|---|
| Name | Batches |
| Olivia | 2 |
| Theresa | 7 |
| Samir | 5 |

21. Use the data in the table to complete a pictograph.

| Cookie Baking Competition | |
|---|---|
| Olivia | 🍪 🍪 |
| Theresa | 🍪 🍪 🍪 🍪 🍪 🍪 🍪 |
| Samir | 🍪 🍪 🍪  🍪 🍪 |

Each 🍪 = 1 cookie.

Use the pictograph to answer the questions.

| Running Laps | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Rahil | 👟 | 👟 | 👟 | 👟 | 👟 | 👟 | 👟 | 👟 |
| Eshaa | 👟 | 👟 | 👟 | 👟 | | | | |
| Jabari | 👟 | 👟 | | | | | | |
| Kendall | 👟 | 👟 | 👟 | 👟 | 👟 | | | |
| Andrew | 👟 | 👟 | 👟 | 👟 | 👟 | | | |

Each 👟 = 1 lap.

22. Who ran the same number of laps? __Kendall and Andrew__

23. Eshaa and __Jabari__ ran a total of 6 laps. $4 + \underline{\phantom{x}} = 6$

24. __Rahil__ and __Jabari__ ran a total of 10 laps.
    or __Kendall and Andrew__

25. 6 students are reading in the library. 3 more come along. How many students are reading in the library? (Show your work.)

    $6 + 3 = 9$

26. 2 children were playing and some more came. There were 11 children altogether. How many children came? (Show your work.)

    $2 + \underline{9} = 11$

27. Caleb read 20 minutes last night. He read 25 minutes the night before. How many minutes did he read altogether?

    $20 + 25 = 45$

28. Bruce went in his kitchen and looked in the fruit bowl. The bowl had more apples than oranges. He made a graph of what he saw. Which is his bar graph? _____Graph 2_____
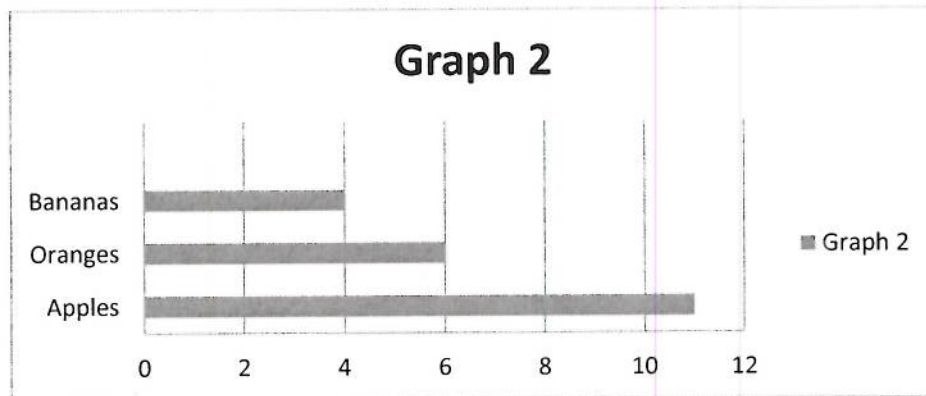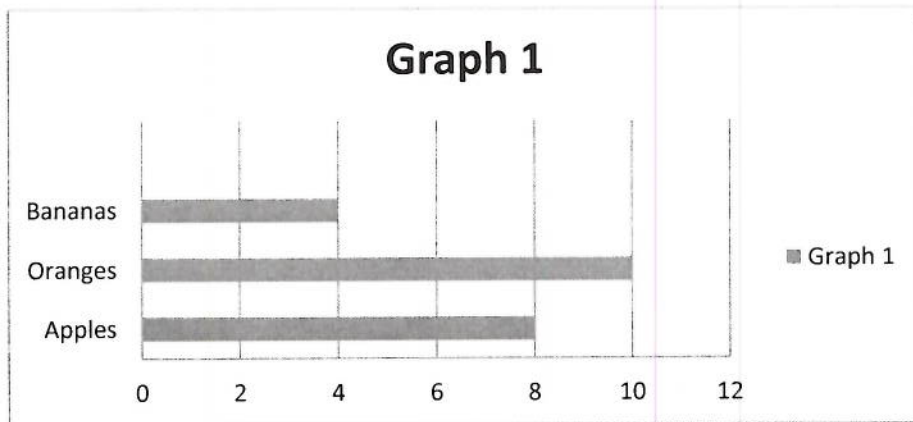
**Graph 1**

Bananas

Oranges

Apples

■ Graph 1

0   2   4   6   8   10   12

**Graph 2**

Bananas

Oranges

Apples

■ Graph 2

0   2   4   6   8   10   12

29. If Bruce ate 2 bananas, how many bananas would be left? _____2_____

30. How many apples would have to be added to Graph 1 to equal the number of oranges?
_____2_____

31. The teacher planted 12 flowers. 6 were not given any water and did not live. The other plants were given sun, water, and good soil and grew strong and beautiful. How many plants survived? _____6_____          $12 - 6 = 6$

32. Irene runs her own baking company. This morning, Irene's workers baked 11 coconut cream pies. They also baked some more after lunch. In total, they baked 12 coconut cream pies. How many coconut cream pies did Irene's workers bake after lunch?_____1 coconut pie_____

$11 + \underline{1} = 12$