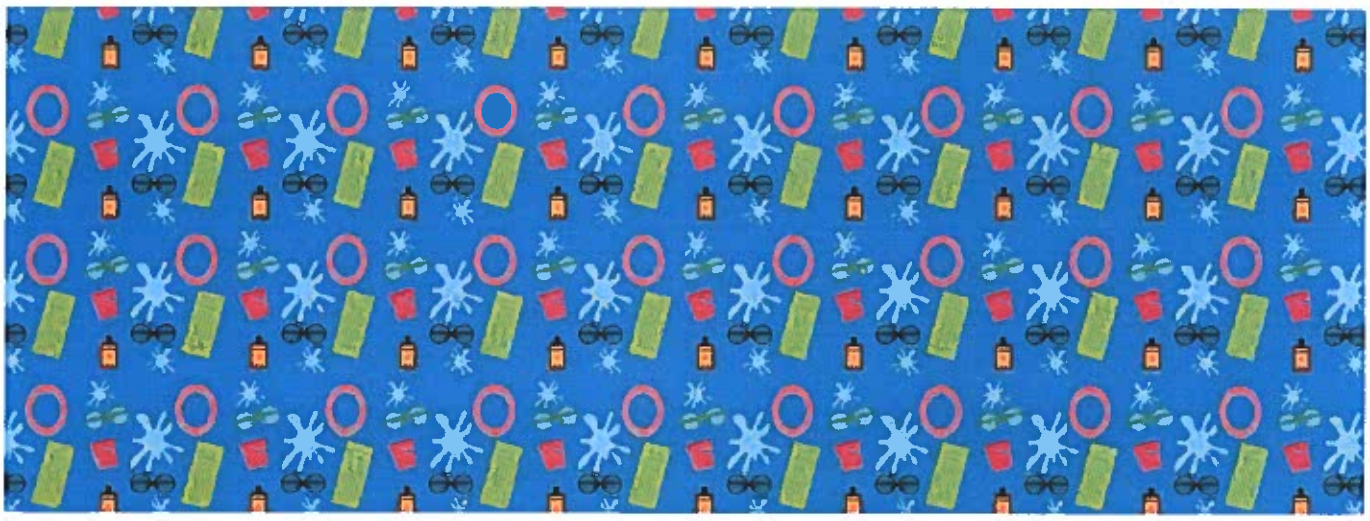
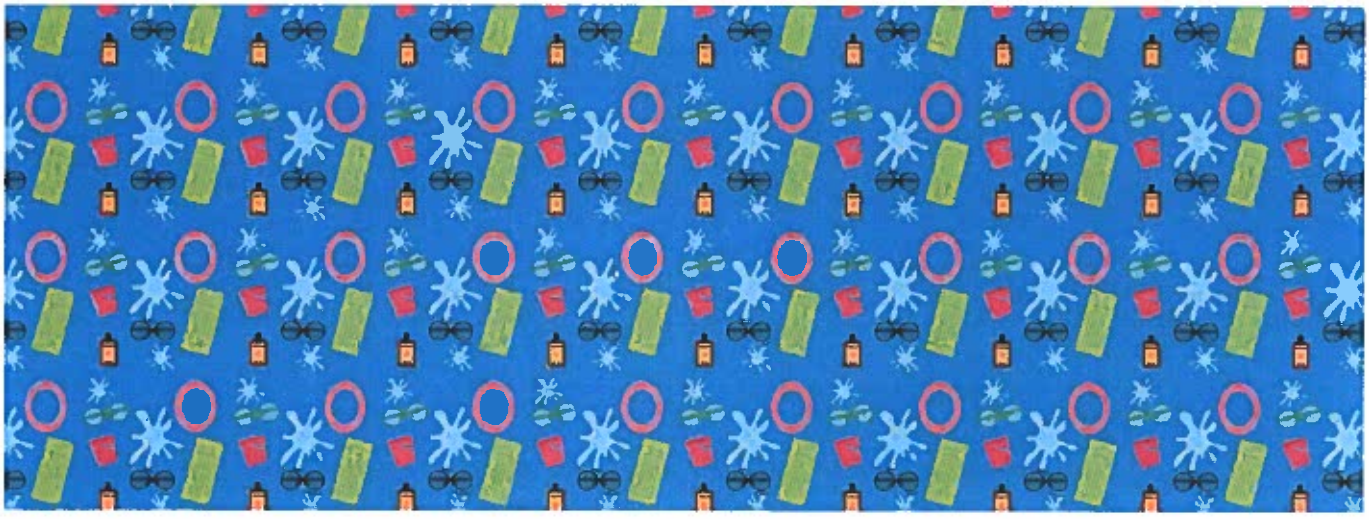


Cranford Public Schools

Summer Math Practice

Students Entering 2nd Grade



1. Complete the chart below by writing the missing numbers from 0 - 120.

0	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	**29**
30	31	32	33	34	35	36	37	38	39
40	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	91	92	93	94	95	96	97	98	99
100	101	**102**	103	104	105	106	107	108	109
110	111	112	113	114	115	116	117	118	119
120									

Finish the number patterns below.

2. 11, 12, 13, 14, 15, 16, 17

3. 55, 56, 57, 58, 59, 60, 61

4. 32, 33, 34, 35, 36, 37, 38

5. 74, 75, 76, 77, 78, 79, 80

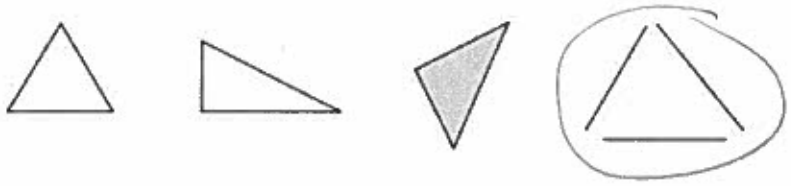
6. 96, 97, 98, 99, 100, 101, 102

7. 107, 108, 109, 110, 111, 112, 113

8. Complete the chart by drawing the shapes.

Rectangle	Square	Trapezoid	Half Circle
			
Quarter Circle	**Triangle**	**Hexagon**	**Circle**
			

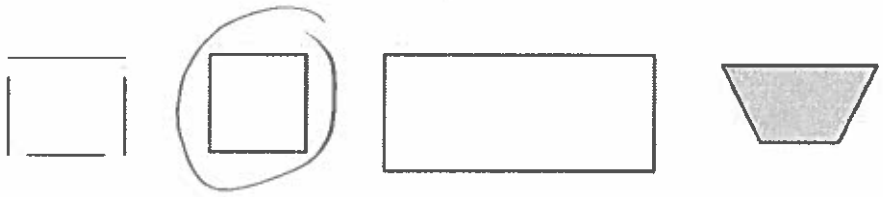
9. Circle the shape that is **NOT** a triangle.



Explain why the shape you circled is **NOT** a triangle:

The three sides are not connected.

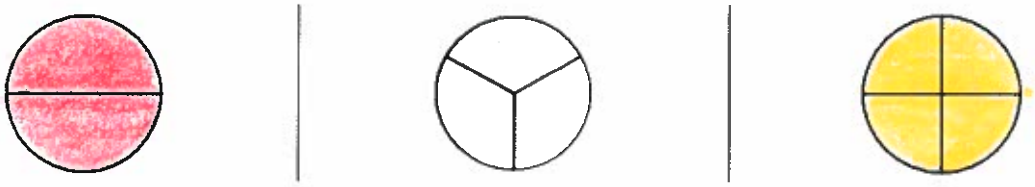
10. Circle the shape that is a square.



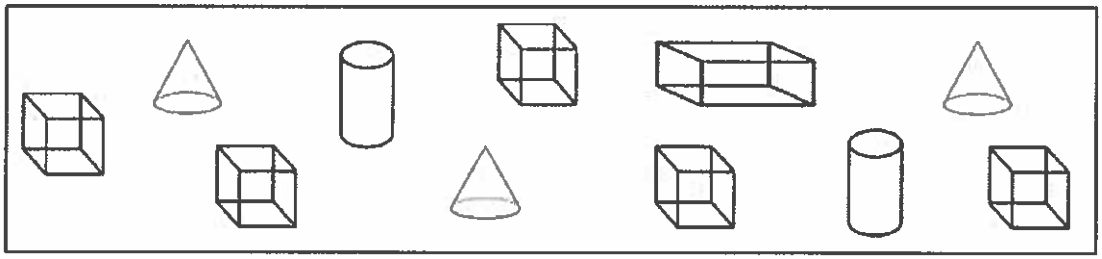
Explain why the shape you circled is a square:

All four sides are connected and the same length.

11. Color the shape divided into halves red.
Color the shape divided into fourths yellow.



12. Use the shapes below to complete the bar graph.



3 Dimensional Shapes

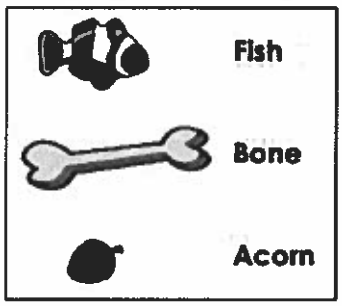
	Cylinders	Rectangular Prisms	Cones	Cubes
6				
5				
4				
3				
2				
1				

Which shape has the least? Rectangular Prisms

Which shape has the most? Cubes

How many more cubes are there than cylinders? 3

13. Look at the objects in the box and put them in order by length.

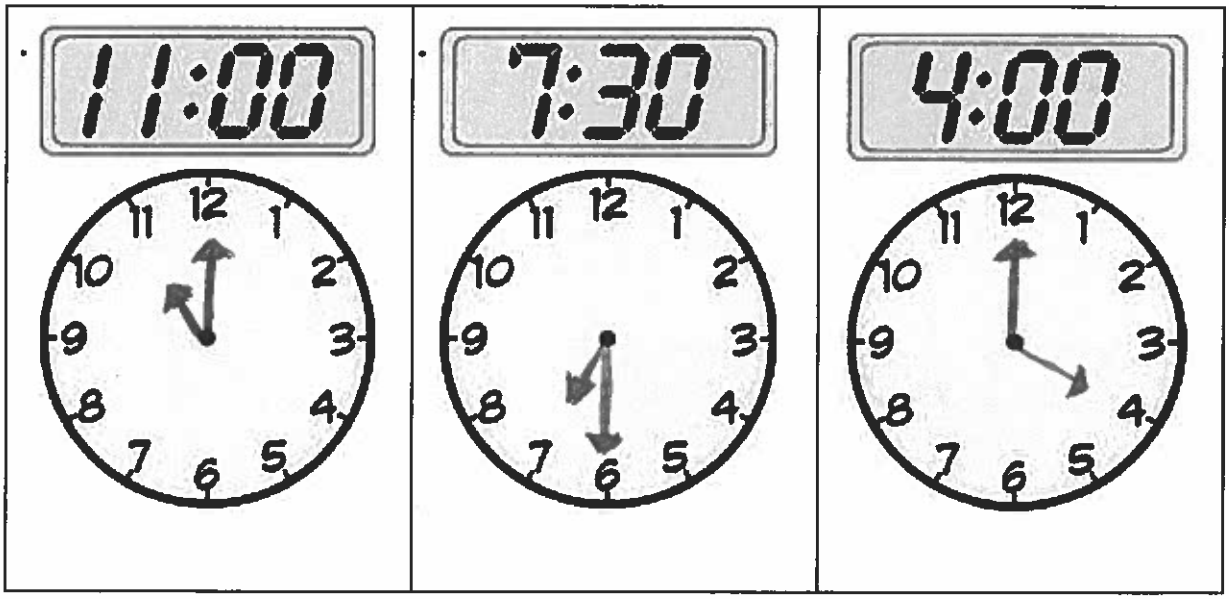


Longest Bone

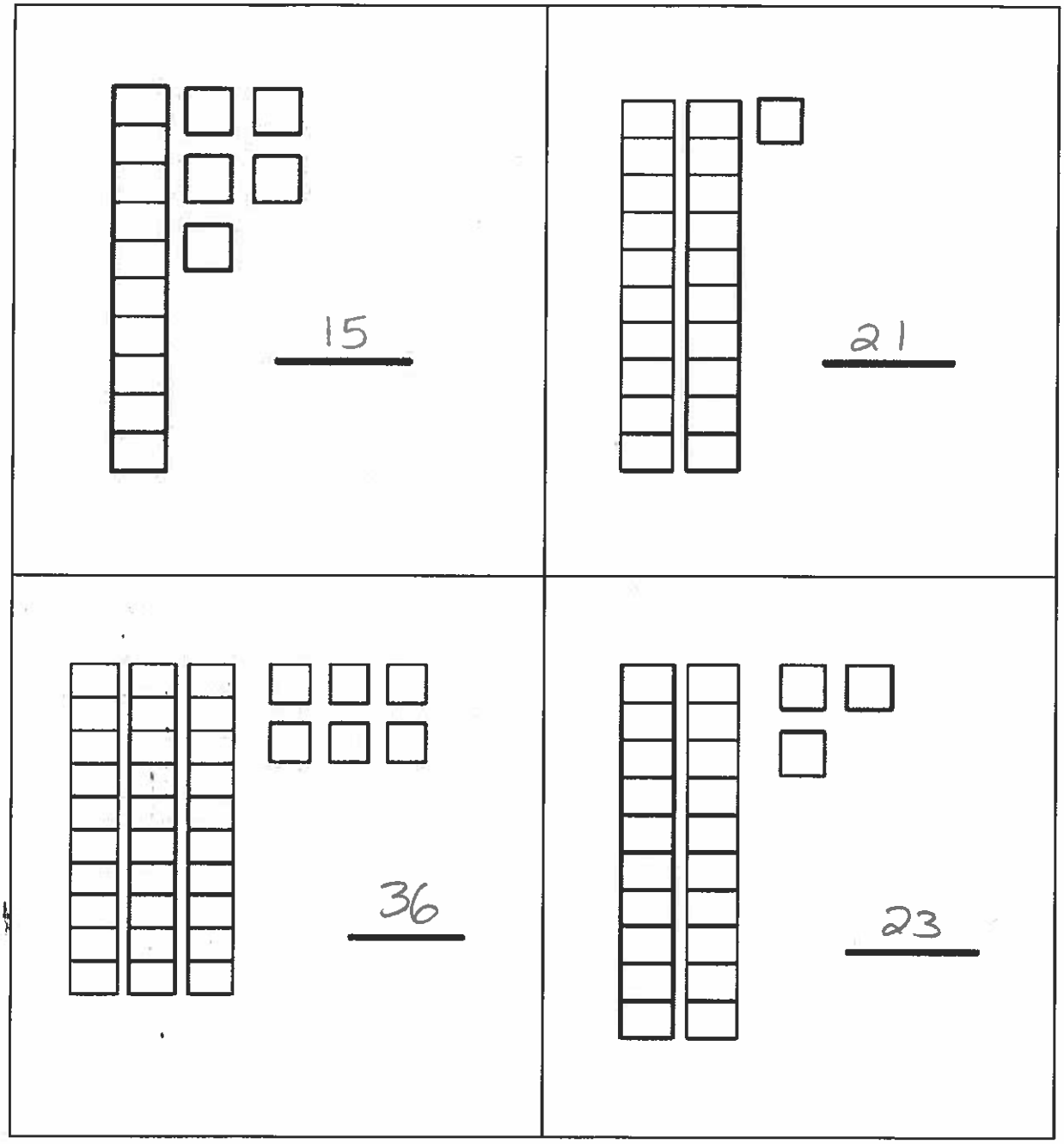
Fish

Shortest Acorn

14. Draw the hands on the clock to show the time on the digital clock.



15. Write the number that represents the base ten blocks in each square.



16. Use the table below to answer the questions.

Our Favorite Pets							
Dog							
Cat							
Fish							

How many children liked dogs? 4

How many children liked cats? 7

How many more children liked cats than fish? 5

17. Draw the base ten rods and ones cubes to represent each number below.

13

1 tens	3 ones

25

2 tens	5 ones

47

4 tens	7 ones

50

5 tens	0 ones

Show how you solved each word problem using pictures, words, or a number sentence.

18. Jake has 8 crayons. Abby has 4 crayons. Ella has 5 crayons. How many crayons do they have altogether?

8 + 4 + 5 = 17 crayons

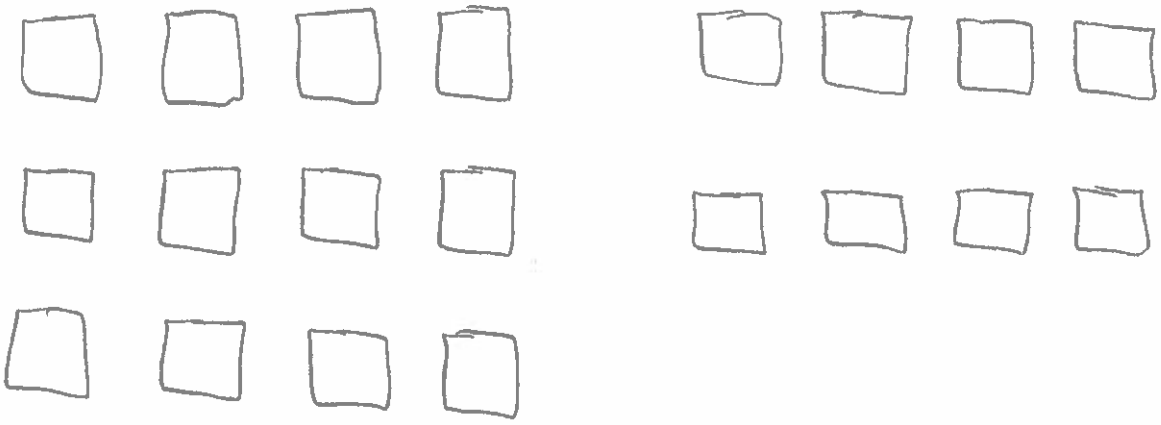
19. The baker made 9 blueberry muffins and 6 corn muffins. How many muffins are there altogether?

9 + 6 = 15 muffins

20. Corey has 4 cars. Erin has 5 cars. Mike has 7 cars. How many cars do they have altogether?

$4 + 5 + 7 =$ 16 cars

21. There are 12 desks in the room. Some more desks are moved into the room. Now there are 20 desks. How many desks were moved into the room?



$12 + \underline{\quad 8 \quad} = 20$

8 Desks

22. In the morning, the fruit stand had some apples. Then 8 more apples were delivered. Now there are 11 apples altogether. How many apples did the fruit stand have before the new apples were delivered?

$\_\_3\_\_ + 8 = 11$

3 apples

23. Mrs. Johnson's ice cream truck sells chocolate, vanilla and strawberry ice cream. If 6 students want chocolate, 7 students want vanilla, and 4 students want strawberry, how many ice cream cones does Mrs. Johnson need?

$6 + 7 + 4 =$ 17 cones

24. The gym has 11 basketballs, 6 baseballs, and 2 footballs.

a) How many balls are there altogether?

$11 + 6 + 2 =$ 19 balls

b) How many more basketballs are there than footballs?

$11 - 2 =$ 9 basketballs

25. Tina had 13 marbles. She gave some marbles to Sam. Now Tina has 6 marbles. How many marbles did she give Sam?

$13 - \underline{7} = 6$

7 marbles

26. Sue had some pennies. She gave 9 pennies to Kai and 6 pennies to Nathan. Sue has 3 pennies left. How many pennies did Sue start with?

18 pennies

27. Luke played football for 3 hours. Jess played soccer for 3 hour. David played baseball for 2 hours. How many total hours did the children spend playing sports?

3 + 3 + 2 = 8 hours

28. Read the number word and write the number.

thirty-six	36
thirteen	13
fifty-two	52
eighty-eight	88
ninety-one	91
nineteen	19
one hundred six	106

29. Color the number sentences that are true yellow. Color the number sentences that are false orange.

3 + 4 = 7 - 2	4 = 2 + 1 + 1
11 = 10 - 1	3 + 5 = 7 + 1
12 = 6 + 6	8 - 3 = 5 - 1
6 + 4 = 7 + 3	4 = 4 + 3
1 + 1 + 1 = 3	4 + 7 = 7 + 4
9 = 5 + 4	10 + 10 = 10
2 + 2 = 4	3 + 4 + 5 = 6
9 + 1 = 11	12 + 5 = 17
2 + 2 + 2 = 6	12 = 7 + 5
6 + 3 = 10 - 1	4 + 4 = 8

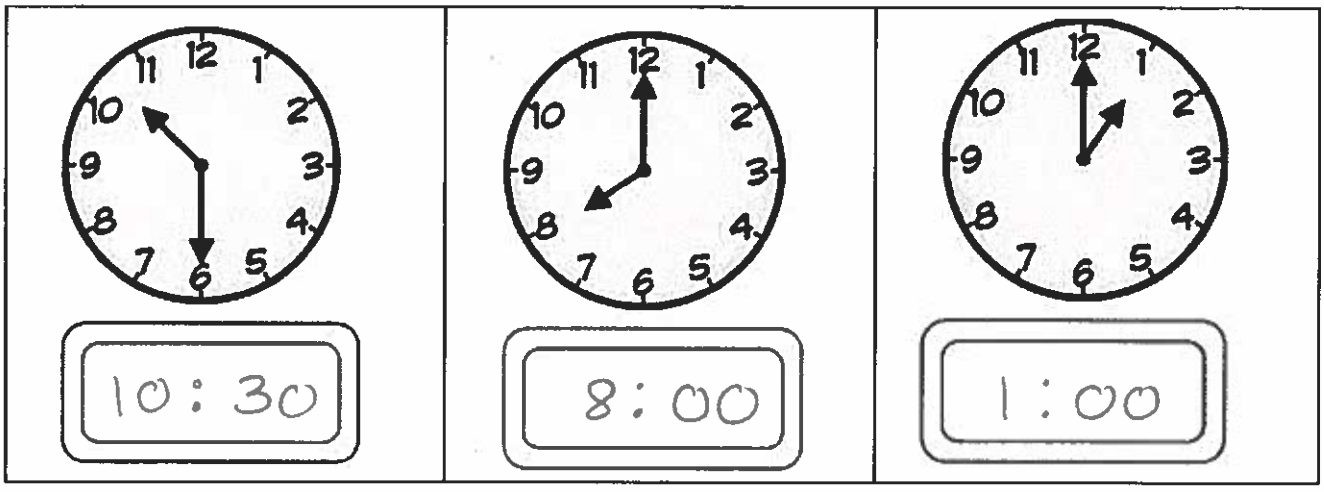
30. Measure each object below using paperclips .

The fork is about 4 paperclips long.

The scissors are about 5 paperclips long.

The grasshopper is about 2 paperclips long.

31. Read the analog clocks and write the time on the digital clocks.



32. Write three numbers that are greater than 62.

63 _____ 64 _____ 65 _____

33. Write three numbers that are less than 41.

32 _____ 33 _____ 34 _____

Show how you solved each word problem using pictures, words, or a number sentence.

34. Carlos went fruit picking at an orchard. He picked 17 pieces of fruit to bring home. 5 of the pieces of fruit were apples, the rest were peaches. How many peaches did Carlos bring home?

$5 + \underline{12} = 17$

12 peaches

35. Mia baked 14 cookies for dessert. 3 were chocolate chip and the rest were sugar cookies. How many sugar cookies did Mia bake?

$3 + \underline{11} = 14$

11 Sugar Cookies

36. Logan had 19 golf balls. 4 were green, 8 were red, and the rest were yellow. How many golf balls were yellow?

$4 + 8 + \underline{7} = 19$

7 yellow

37. Complete the tally table and answer the question below.

Favorite Fruits		
Fruit	**Tally Marks**	**Total**
Apple 	𝍸 𝍸	10
Banana 	𝍸	3
Grapes 	𝍸 𝍸 |	11

How many more children liked grapes than bananas?

8

Complete each pattern below and name the pattern rule.

38. 32, 30, 28, 26, 24, 22, 20

Pattern rule: subtract 2

39. 65, 70, 75, 80, 85, 90, 95

Pattern rule: add 5

40. 44, 54, 64, 74, 84, 94, 104

Pattern rule: add 10

For numbers 41 – 45, tell how many tens and ones each number has.

41. 29 = 2 tens and 9 ones

42. 68 = 6 tens and 8 ones

43. 83 = 8 tens and 3 ones

44. 107 = 10 tens and 7 ones

45. 120 = 12 tens and 0 ones

For numbers 46 – 48, make each number sentence true by using >, < or =.

46. 78 > 59

47. 108 < 113

48. 56 < 66

49. Add 10 to each number:

27: 37 61: 71 92: 102

50. Subtract 10 from each number:

13: 3 55: 45 116: 106

Addition Practice

7 + 2 = 9

3 + 1 = 4

1 + 10 = 11

4 + 1 = 5

8 + 2 = 10

5 + 3 = 8

4 + 2 = 6

6 + 0 = 6

3 + 8 = 11

6 + 1 = 7

1 + 2 = 3

4 + 6 = 10

6 + 2 = 8

5 + 4 = 9

4 + 3 = 7

0 + 10 = 10

4 + 4 = 8

5 + 6 = 11

6 + 3 = 9

3 + 3 = 6

2 + 10 = 12

10 + 1 = 11

1 + 9 = 10

2 + 6 = 8

4 + 8 = 12

3 + 7 = 10

Subtraction Practice

10 - 5 = 5

11 - 2 = 9

12 - 4 = 8

11 - 5 = 6

9 - 3 = 6

8 - 4 = 4

10 - 2 = 8

7 - 5 = 2

6 - 2 = 4

11 - 3 = 8

6 - 4 = 2

12 - 10 = 2

10 - 8 = 2

7 - 1 = 6

11 - 4 = 7

9 - 6 = 3

5 - 3 = 2

9 - 5 = 4

8 - 2 = 6

6 - 5 = 1

4 - 2 = 2

8 - 1 = 7

5 - 4 = 1

10 - 7 = 3

9 - 2 = 7

7 - 4 = 3

Find the missing number or sign

4 + 3 = 7

5 + 2 = 7

0 + 9 = 9

2 + 10 = 12

6 + 3 = 9

4 + 8 = 12

5 + 6 = 11

10 + 1 = 11

2 + 6 = 8

3 + 9 = 12

8 + 1 = 9

9 + 2 = 11

2 + 7 = 9

12 - 10 = 2

7 - 2 = 5

9 - 5 = 4

5 - 4 = 1

11 - 10 = 1

9 − 1 = 8

10 - 9 = 1

12 - 6 = 6

9 - 0 = 9

12 - 2 = 10

11 − 4 = 7

8 - 2 = 6

10 - 1 = 9