Patterns

1. Jacob increased the number of sit-ups he did each week by 3. Circle the table that could show the number of sit-ups Jacob did for 5 weeks.

Week	Number of Sit-Ups
1	65
2	68
3	70
4	73
5	76

Week	Number of Sit-Ups
1	51
2	52
3	53
4	54
5	55

Week	Number of Sit-Ups
1	3
2	9
3	27
4	81
5	163

Week	Number of Sit-Ups
1	60
2	63
3	66
4	69
5	72

   a.

2. The table shows the number of children at storytime. If the pattern in the table continued, how many children would go to storytime in May?
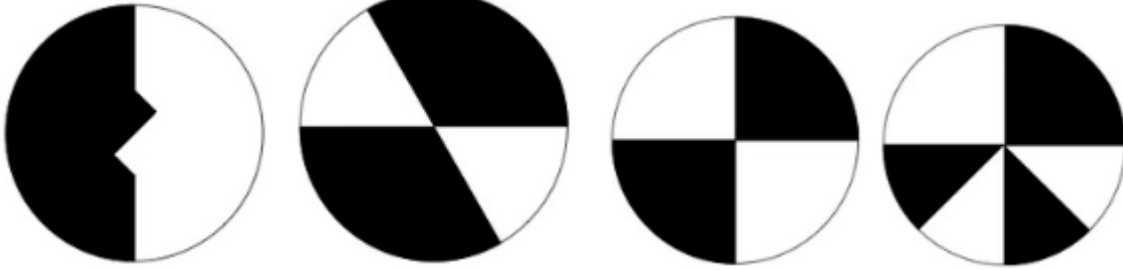
Story Time

Month	Number of Children
January	25
February	29
March	33
April	37
May	?

   a.

   b. _____

3. Duke made the following number pattern. 14, _____, 22, 26, 30, _____. Fill in the missing numbers that Reece forgot.

4. Isaac created this numbers chart and circled numbers that followed a pattern. If he continued the pattern, which number would he circle next? Circle the answer.

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

   a.

5. Look at your multiplication table on your desk. The products of all even numbers are what? Even or Odd (Circle one.)

6. Look at your multiplication table on your desk. The products of all numbers multiplied by 10 ends in what number?

7. Look at your multiplication table on your desk. The products of all numbers multiply by 5 ends in what two numbers?

8. Circle each shape that is equally shaded.

a.

9. This circle is divided into equal parts.

a.

b. What fraction is shaded? _____

c. What fraction is unshaded?_____

10. The figure shown is divided into equal parts.

a.

b. What fraction is shaded?

c. What fraction is unshaded?

11. One-sixth of this image is shaded now. Shade in more of the image until you get to 4/6 shaded.

a.

12. The following figure has three squares that are shaded. How many unshaded squares are there?

a.

b. _____

13. What fraction of this image is shaded?

a.

b. _____