

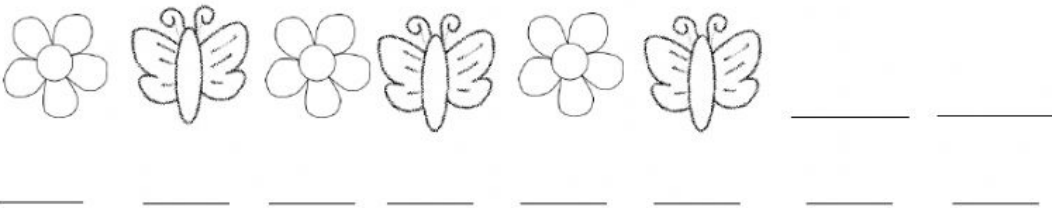
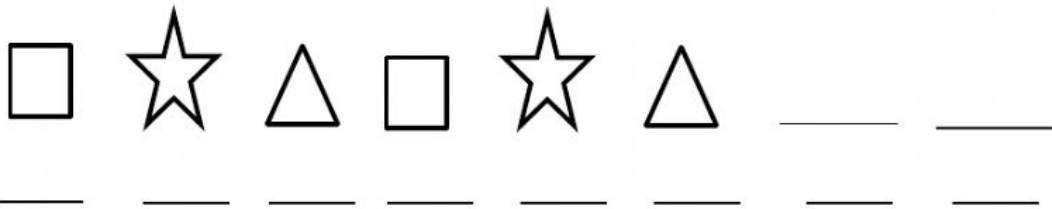
1. Circle the pattern unit. Fill in the missing blanks.



A B B A A B B A A ____ A ____ B ____

3, 3, 3, 1, 3, 3, 3, 1, 3, ____ 3, 3, ____

2. What pattern do u see? Extend the pattern and use alphabet shorthand to record the pattern.



3. Draw an ABB pattern in the space below.

A B B A B B A B B

4. Draw a pattern on your own. Write the alphabet shorthand and circle the pattern unit.

5. Fill in the spaces to complete the pattern.

2, 4, 6, ____, ____, 12

10, 20, ____, ____, 50, 60

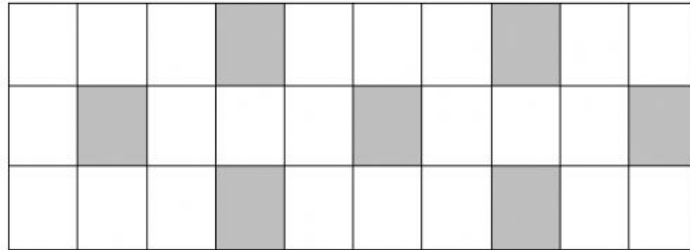
10, 9, 8, 7, ____, ____, 4, 3

90, 80, ____, ____, 50

6. Write the name or word that fits the pattern on this grid.

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

- tiger
- giraffe
- lion
- rat



Does your name fit the pattern on this grid? _____

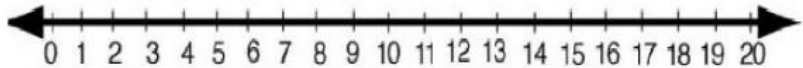
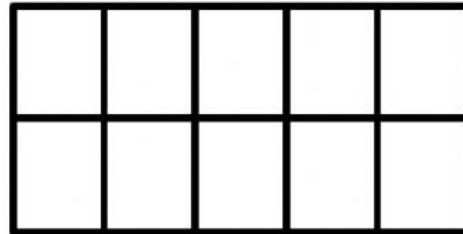
7. Use the number line or the ten frame to find the missing number.

$$2 + 4 = \underline{\quad}$$

$$3 + \underline{\quad} = 8$$

$$10 = 5 + \underline{\quad}$$

$$3 + 2 + 2 = \underline{\quad}$$



8. There were 10 birds on the tree. Four birds flew away. How many birds are on the tree now? Choose a strategy to show your work.
