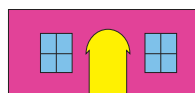
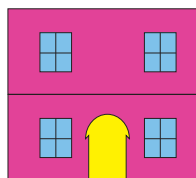
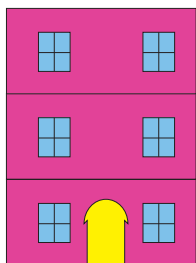
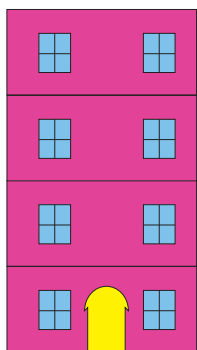
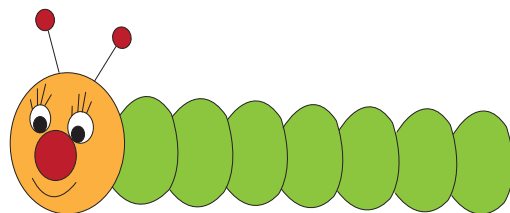
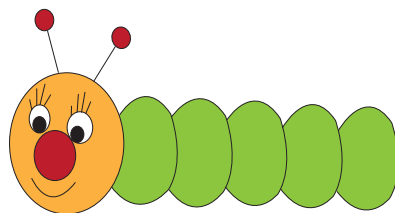
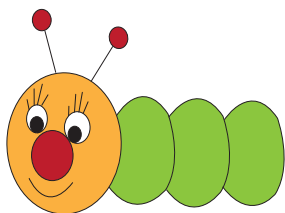
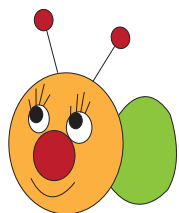
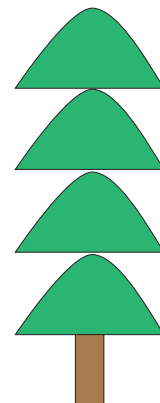
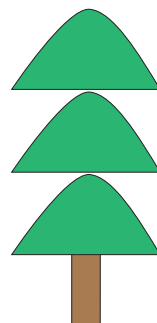
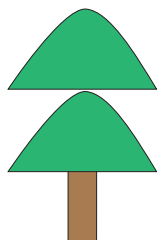
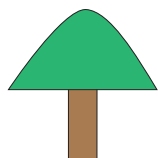


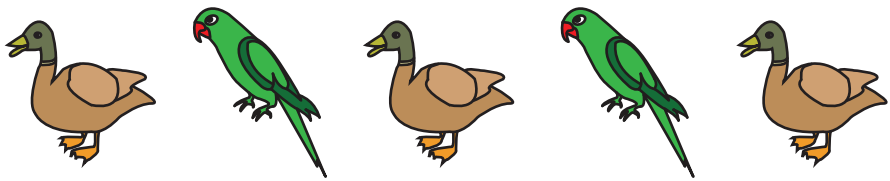
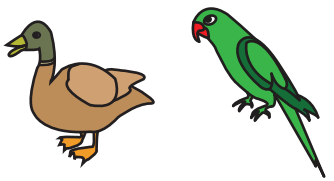
Patterns

4TH
GRADE

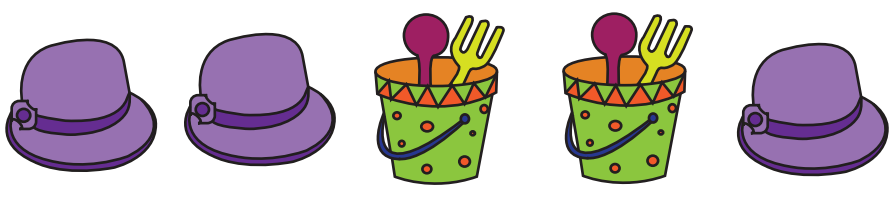
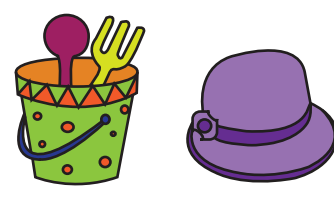




Repeating Pattern

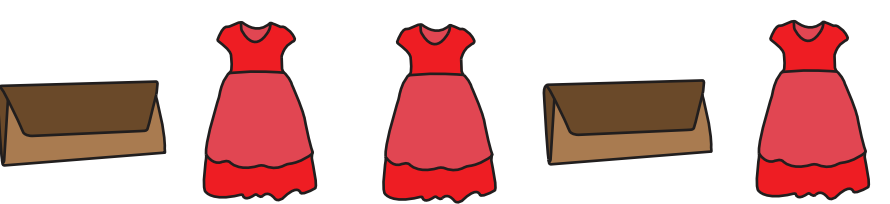
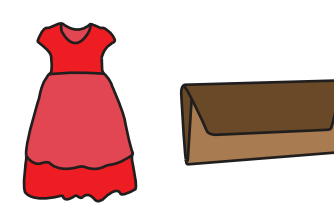
Circle the picture that comes next in each picture pattern.

1)  

2)  

3)  

4)  

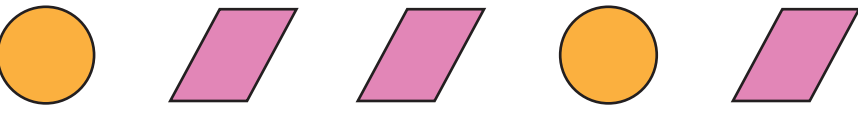
5)  

Growing & Repeating Pattern

Draw the picture that comes next in each pattern.

1  _____

2  _____

3  _____

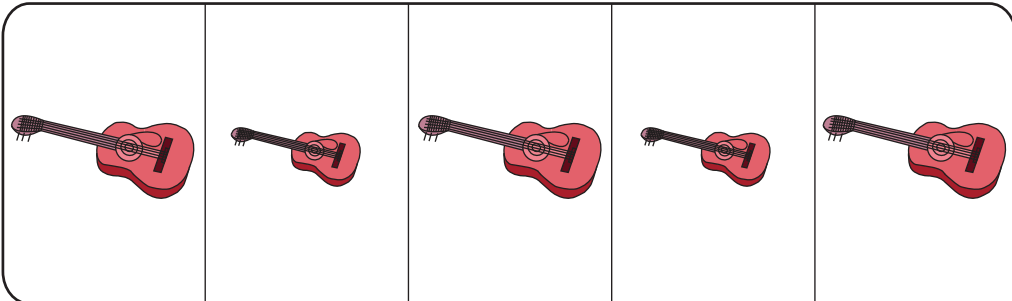
4  _____

5  _____

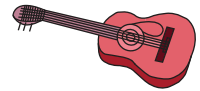
Identifying Size Pattern

Circle the correct size that goes next in each pattern.

1)



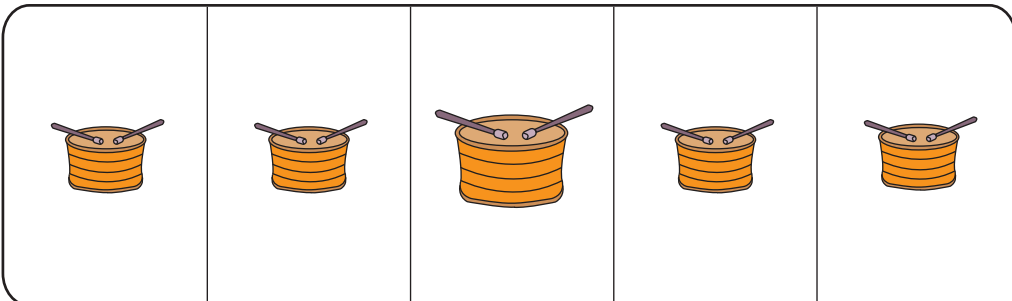
a)



b)



2)



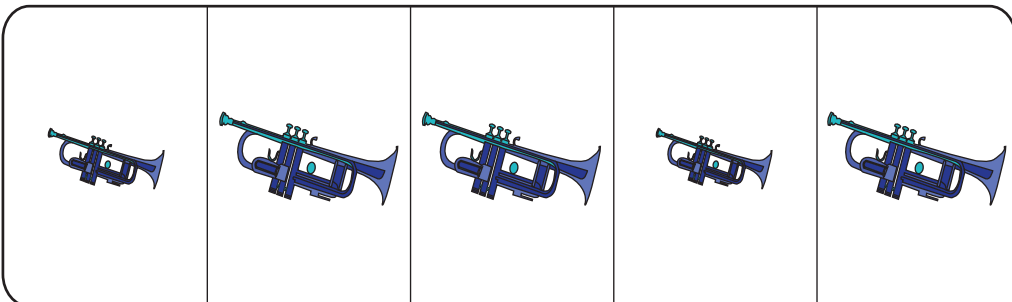
a)



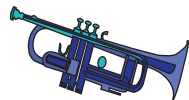
b)



3)



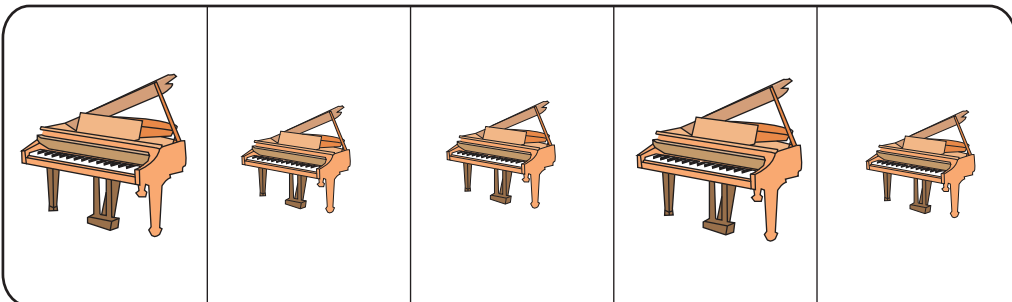
a)



b)



4)



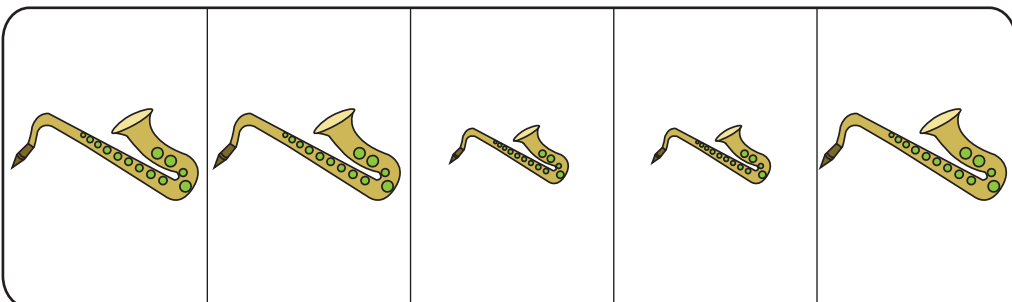
a)



b)



5)



a)

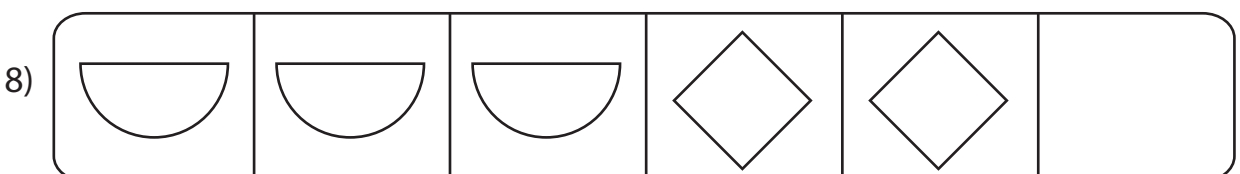
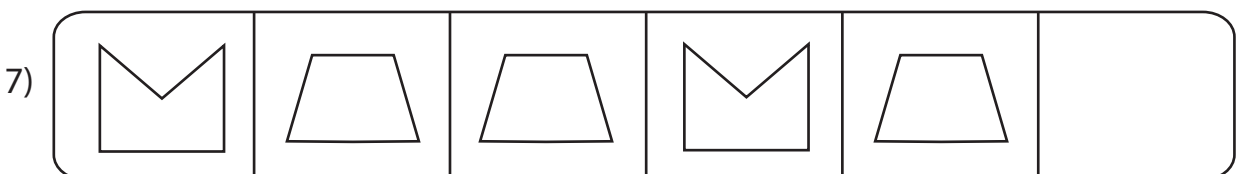
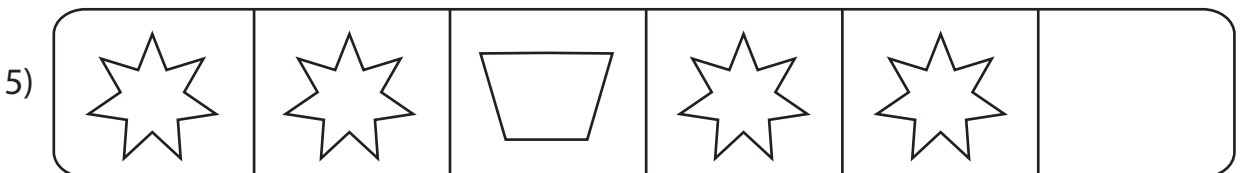
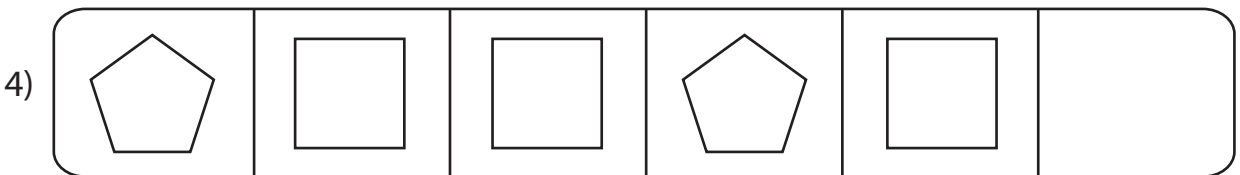
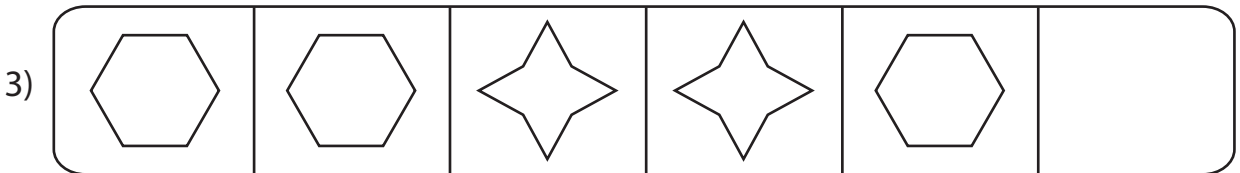
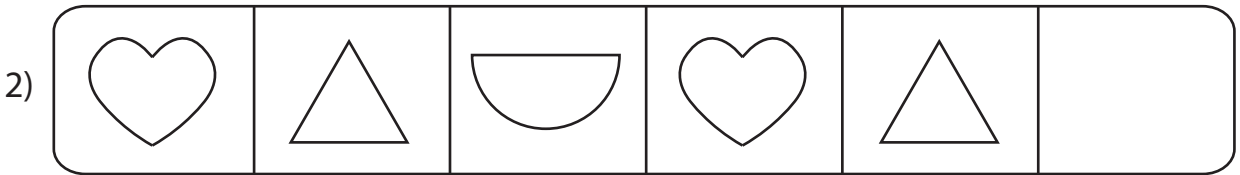
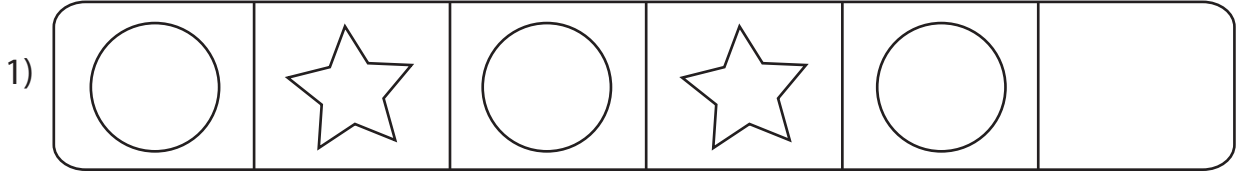


b)



Identifying Shape Pattern

Complete the shape pattern.



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Writing Rules

Look at the numbers. Write the rule describing each pattern.

1) 12, 15, 18, 21, 24, 27, 30, 33

Start at 12. Add 3 each time.

2) 45, 40, 35, 30, 25, 20, 15, 10

3) 6, 8, 10, 12, 14, 16, 18, 20

4) 20, 30, 40, 50, 60, 70, 80, 90

5) 56, 49, 42, 35, 28, 21, 14, 7

6) 11, 22, 33, 44, 55, 66, 77, 88

7) 81, 72, 63, 54, 45, 36, 27, 18

8) 15, 19, 23, 27, 31, 35, 39, 43

9) 65, 62, 59, 56, 53, 50, 47, 44

Geometric Pattern

Identify the number pattern and fill in the missing numbers.

1

2	4	8	16	
---	---	---	----	--

2

162	54	18	6	
-----	----	----	---	--

3

5	10	20	40	
---	----	----	----	--

4

324	108	36	12	
-----	-----	----	----	--

5

7	21	63	189	
---	----	----	-----	--

6

486	162	54	18	
-----	-----	----	----	--

Two-Rule Pattern

Identify the number pattern and fill in the missing numbers.

1)	2	5	3	6	4					
----	---	---	---	---	---	--	--	--	--	--

2)	23	24	26	27	29					
----	----	----	----	----	----	--	--	--	--	--

3)	14	11	13	10	12					
----	----	----	----	----	----	--	--	--	--	--

4)	2	6	7	11	12					
----	---	---	---	----	----	--	--	--	--	--

5)	11	13	16	18	21					
----	----	----	----	----	----	--	--	--	--	--

6)	1	2	8	9	15					
----	---	---	---	---	----	--	--	--	--	--

7)	4	9	13	18	22					
----	---	---	----	----	----	--	--	--	--	--

8)	3	5	9	11	15					
----	---	---	---	----	----	--	--	--	--	--

9)	12	10	15	13	18					
----	----	----	----	----	----	--	--	--	--	--

10)	8	12	13	17	18					
-----	---	----	----	----	----	--	--	--	--	--

Identifying Number Sequence

Identify the number pattern and fill in the missing numbers.

1)

2	3	5	8	12					
---	---	---	---	----	--	--	--	--	--

2)

5	7	11	17	25					
---	---	----	----	----	--	--	--	--	--

3)

48	47	45	42	38					
----	----	----	----	----	--	--	--	--	--

4)

101	90	80	71	63					
-----	----	----	----	----	--	--	--	--	--

5)

3	7	12	18	25					
---	---	----	----	----	--	--	--	--	--

6)

79	77	74	70	65					
----	----	----	----	----	--	--	--	--	--

7)

8	9	11	14	18					
---	---	----	----	----	--	--	--	--	--

8)

65	62	58	53	47					
----	----	----	----	----	--	--	--	--	--

9)

9	13	18	24	31					
---	----	----	----	----	--	--	--	--	--

10)

13	14	16	19	23					
----	----	----	----	----	--	--	--	--	--