

Identifying Patterns

① Complete.

in	out
2	18
	27
4	
	45
6	

Rule: $\times 9$

What patterns do you see?

② Complete.

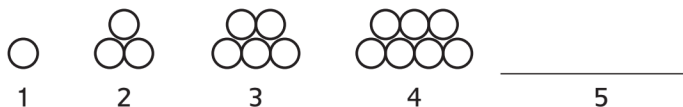


in	out
11	22
	33
33	
	55
55	

Rule: $+ 11$

What patterns do you see?

③ Study the pattern.



a. Draw the next step in the pattern. What patterns do you notice?

b. How many circles will be in the 6th step? _____ In the 10th step? _____

c. How did you figure out how many circles will be in the 10th step?

Practice

④ $800,000 + 90 =$ _____

⑤ $200,000 + 50,000 + 4 =$ _____