1.

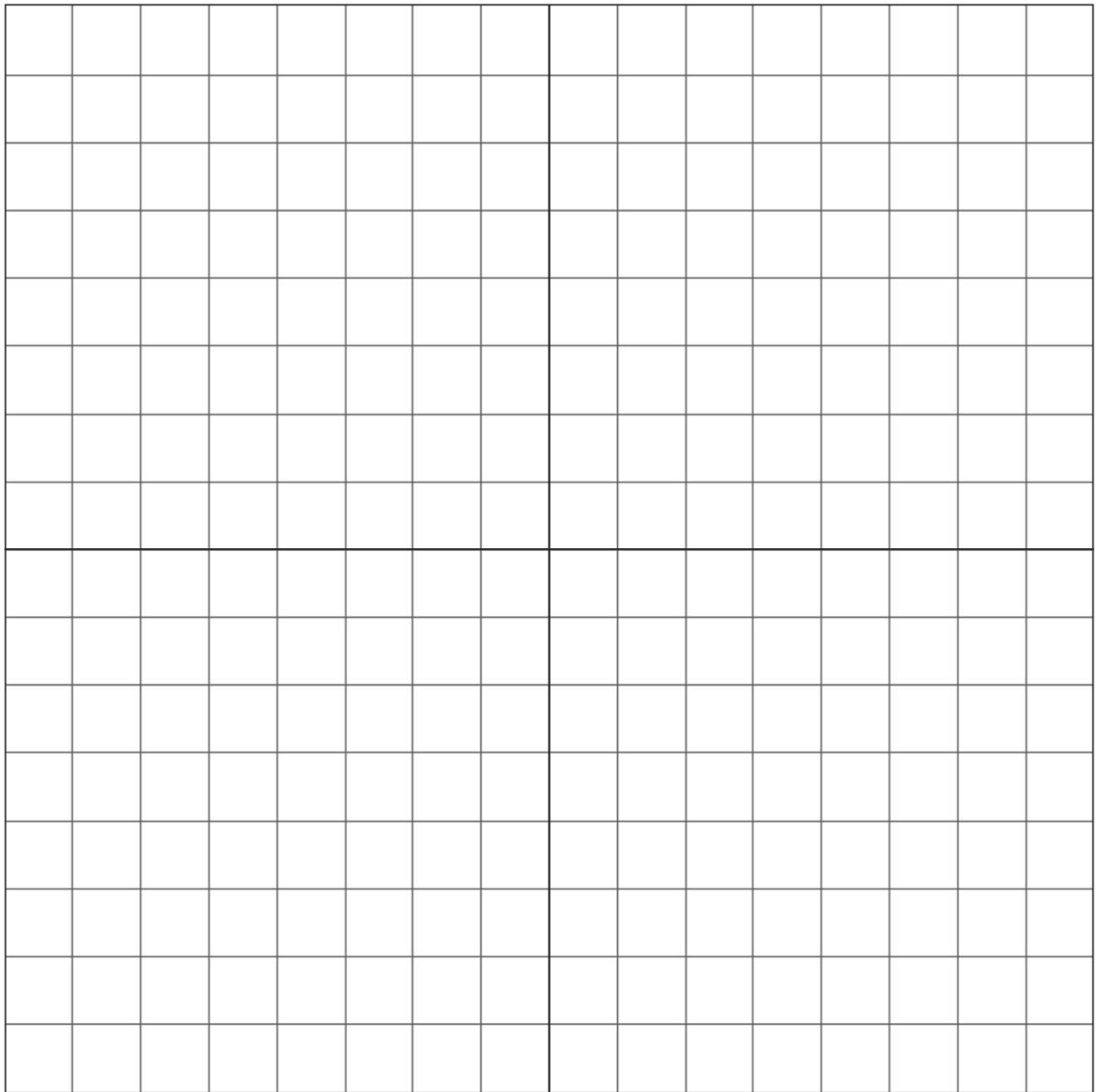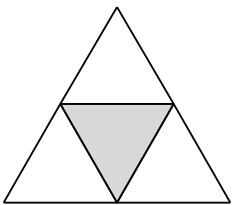| Stage	0	1	2	3	4	n
Total number of unshaded regions	1					

A.   Shade the first stage with colored pencil or marker, using the pattern shown.

B.   Record the number of unshaded regions, ignoring the grid lines, in the table.

C.   Repeat the process by dividing each unshaded region according to the pattern you chose.

D.   Write a rule for the number of unshaded regions in stage n. Record your rule in the table.

2.

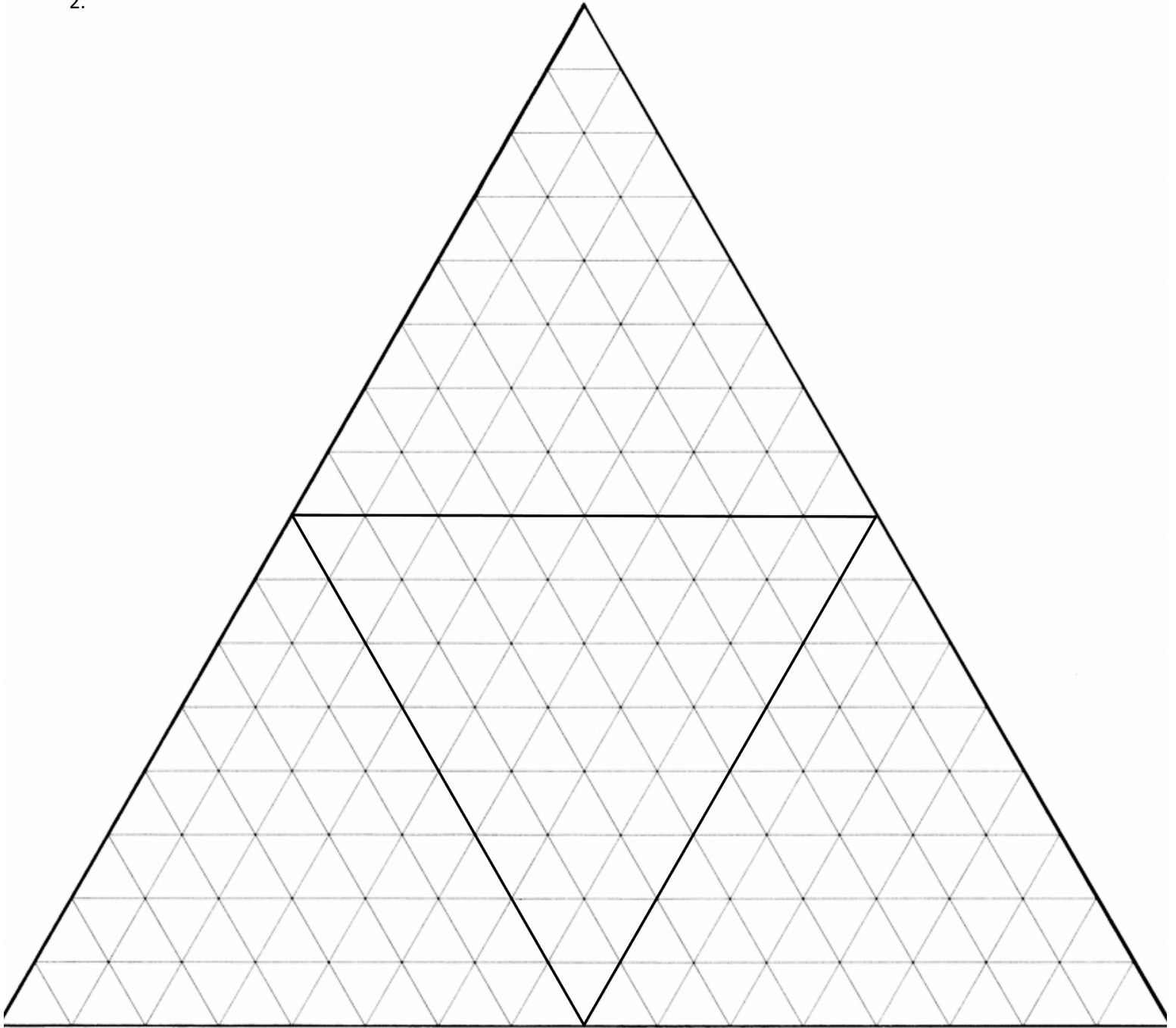| Stage	0	1	2	3	4	n
Total number of unshaded regions	1					

A. Shade the first stage with colored pencil or marker, using the pattern shown.

B. Record the number of unshaded regions, ignoring the grid lines, in the table.

C. Repeat the process by dividing each unshaded region according to the pattern you chose.

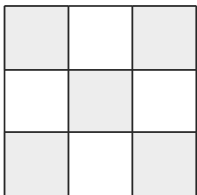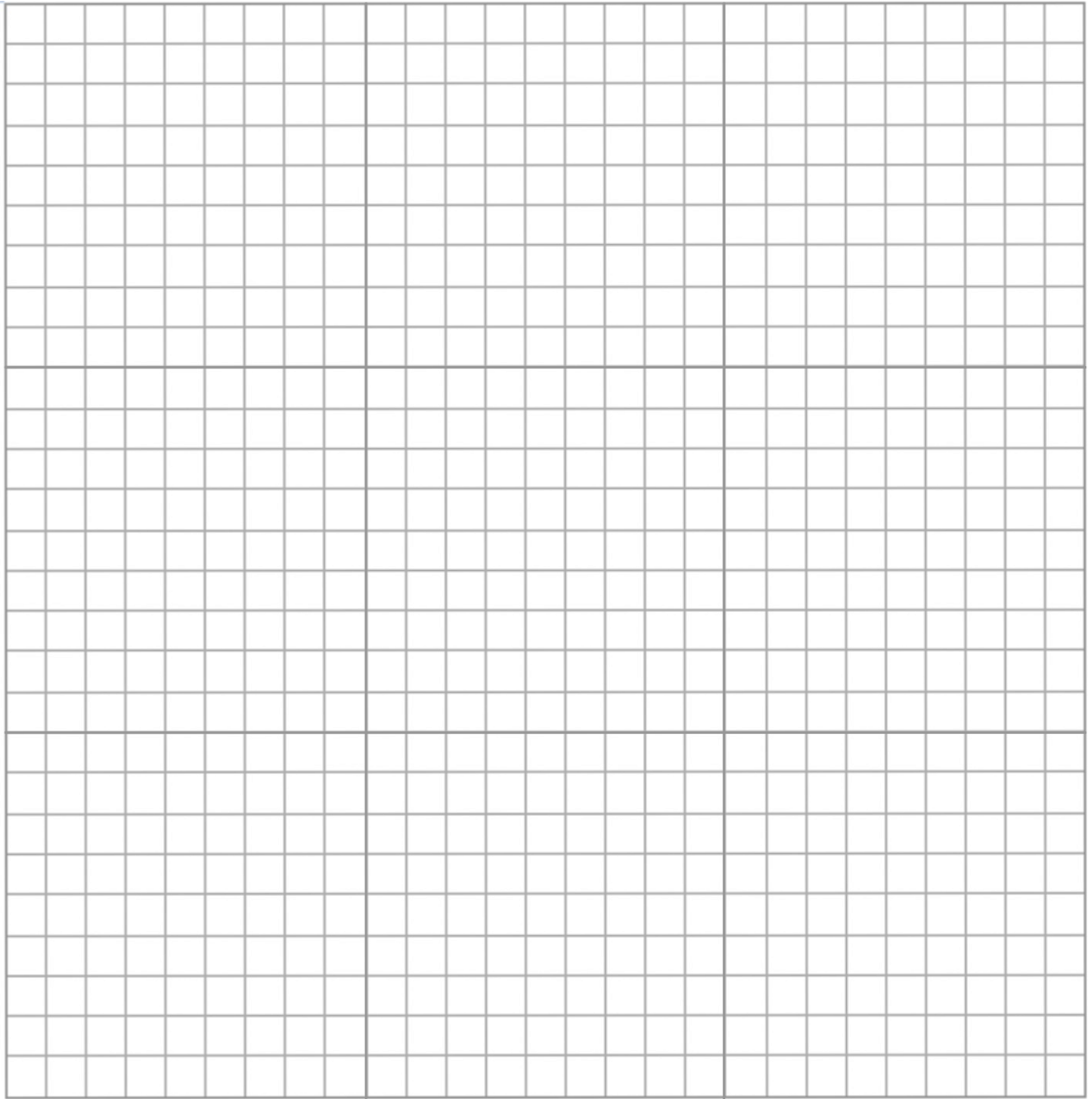D. Write a rule for the number of unshaded regions in stage n. Record your rule in the table.

3.

Stage	0	1	2	3	4	n
Total number of unshaded regions	1					

A. Shade the first stage with colored pencil or marker, using the pattern shown.
B. Record the number of unshaded regions, ignoring the grid lines, in the table.
C. Repeat the process by dividing each unshaded region according to the pattern you chose.
D. Write a rule for the number of unshaded regions in stage n. Record your rule in the table.

4.
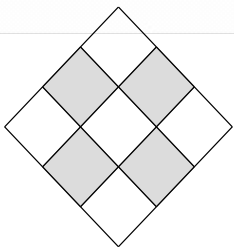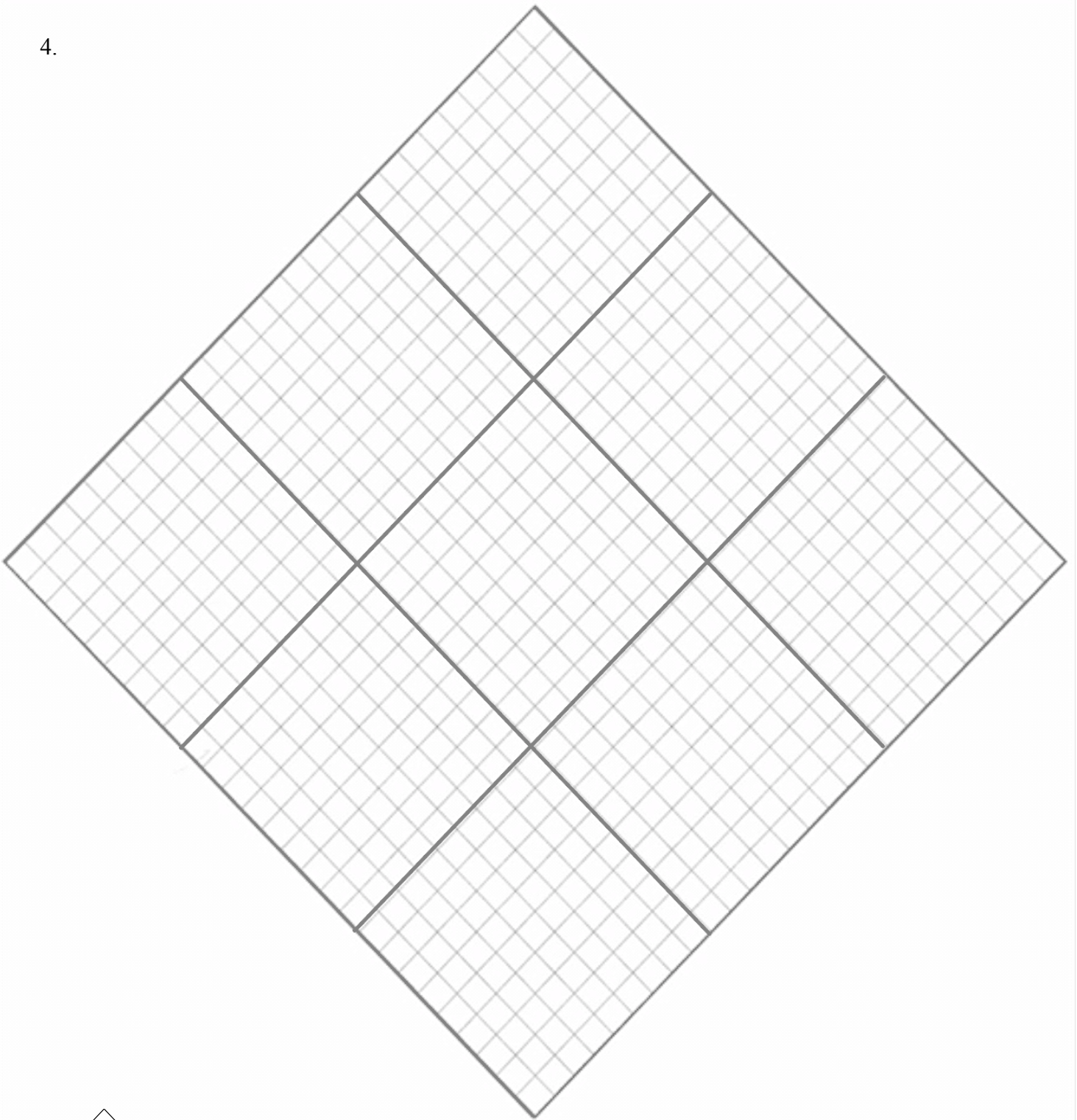

Stage	0	1	2	3	4	n
Total number of unshaded regions	1					

A. Shade the first stage with colored pencil or marker, using the pattern shown.
B. Record the number of unshaded regions, ignoring the grid lines, in the table.
C. Repeat the process by dividing each unshaded region according to the pattern you chose.
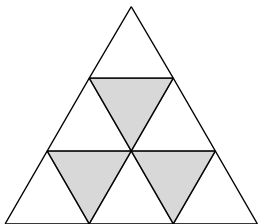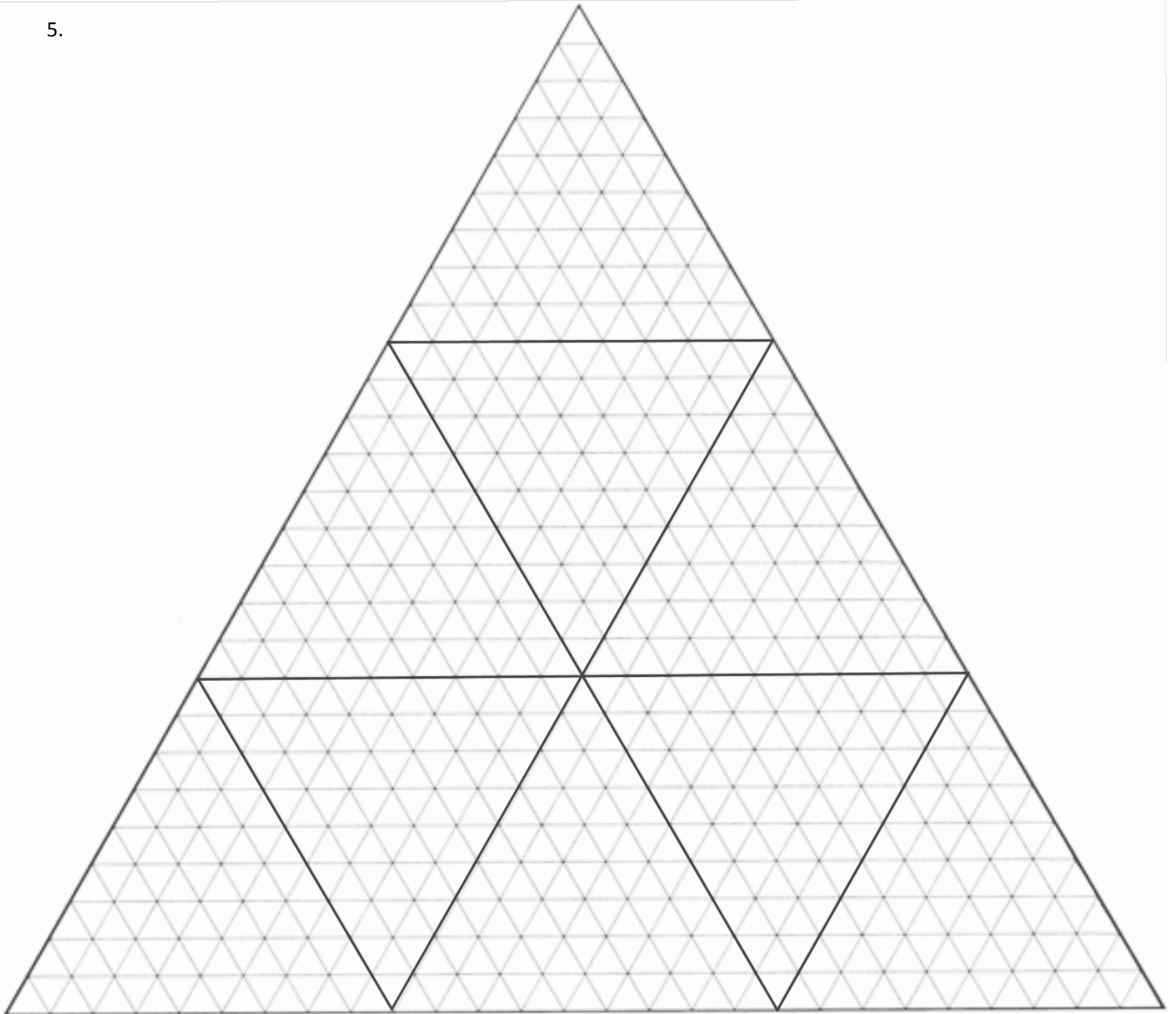D. Write a rule for the number of unshaded regions in stage n. Record your rule in the table.

5.

Stage	0	1	2	3	4	n
Total number of unshaded regions	1					

A. Shade the first stage with colored pencil or marker, using the pattern shown.
B. Record the number of unshaded regions, ignoring the grid lines, in the table.
C. Repeat the process by dividing each unshaded region according to the pattern you chose.
D. Write a rule for the number of unshaded regions in stage n. Record your rule in the table.