



Learn a new puzzle

Growing Patterns

Look at how it grows. Answer the question.

Trick: **Shade the new squares**

1

Step 1 Step 2 Step 3

Shade the new squares.
Each step adds 1.

2

Step 1 Step 2 Step 3

4 5 6

Count: 4, 5, 6. Add 1 each time.

3

Step 1 Step 2 Step 3 Step 4

4 5 6 7

Step 4 adds 1 more on top.
 $6 + 1 = 7$.

**Try
it**

Step 1 Step 2 Step 3 Step 4

Draw step 4. How many squares?

The answer is with
the other answers.

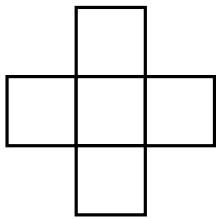
Talk about it: Ask: Which squares are new? Where will the next ones go?



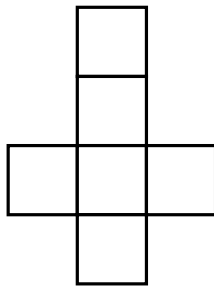
1 Growing Patterns Look at how it grows. Answer the question.



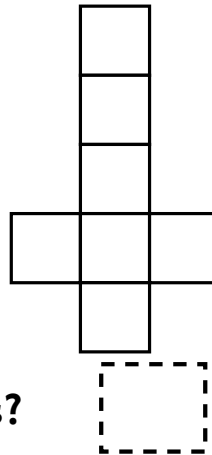
Step 1



Step 2



Step 3



Step 4

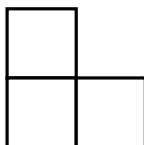


Draw step 4. How many squares?

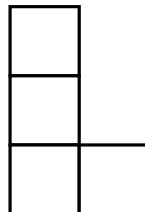
2 Growing Patterns Look at how it grows. Answer the question.



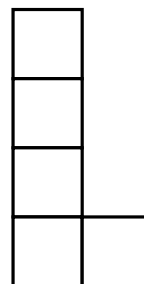
Step 1



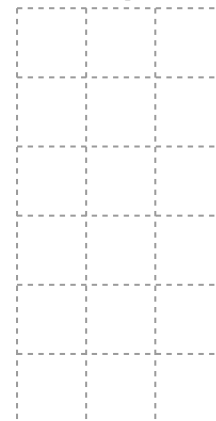
Step 2



Step 3



Step 4



Draw step 4. How many squares?

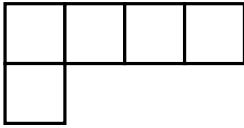




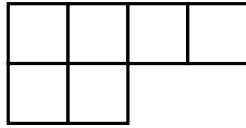
3 Growing Patterns Look at how it grows. Answer the question.



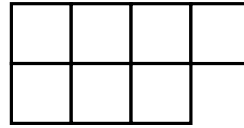
Step 1



Step 2



Step 3



Step 4



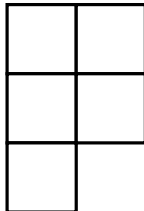
Draw step 4. How many squares?



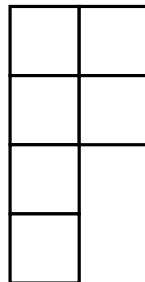
4 Growing Patterns Look at how it grows. Answer the question.



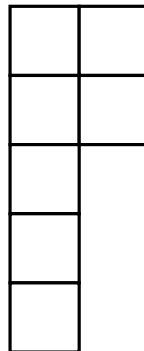
Step 1



Step 2



Step 3



Step 4



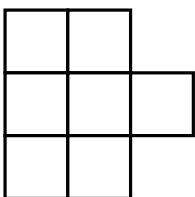
Draw step 4. How many squares?



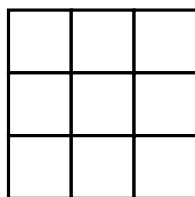
5 Growing Patterns Look at how it grows. Answer the question.



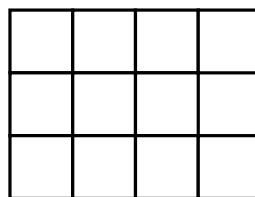
Step 1



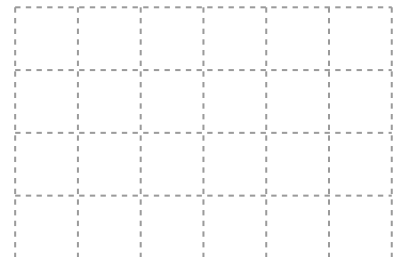
Step 2



Step 3



Step 4



Draw step 4. How many squares?



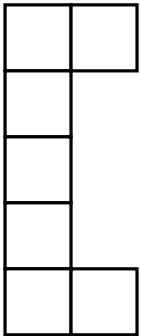


6

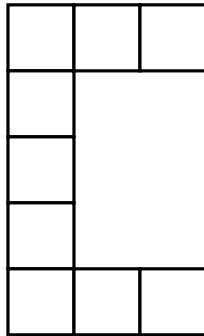
Growing Patterns Look at how it grows. Answer the question.



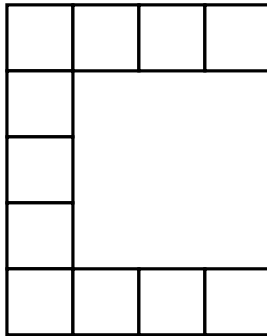
Step 1



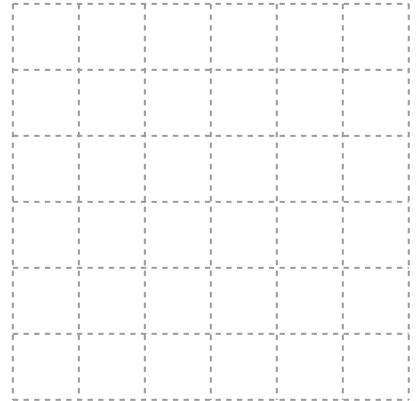
Step 2



Step 3



Step 4



Draw step 4. How many squares?

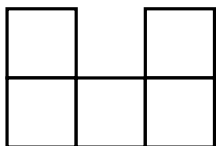


7

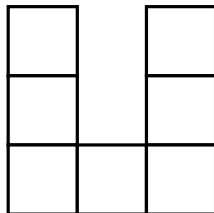
Growing Patterns Look at how it grows. Answer the question.



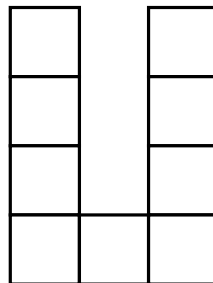
Step 1



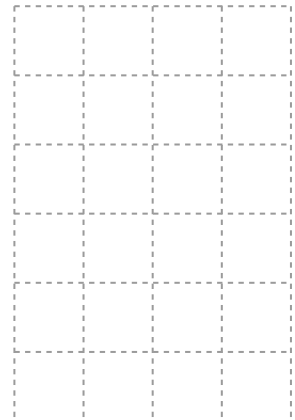
Step 2



Step 3



Step 4



Draw step 4. How many squares?



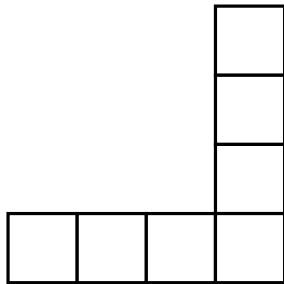


8

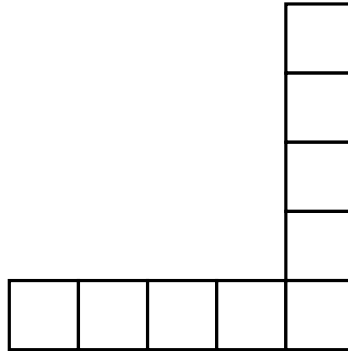
Growing Patterns Look at how it grows. Answer the question.



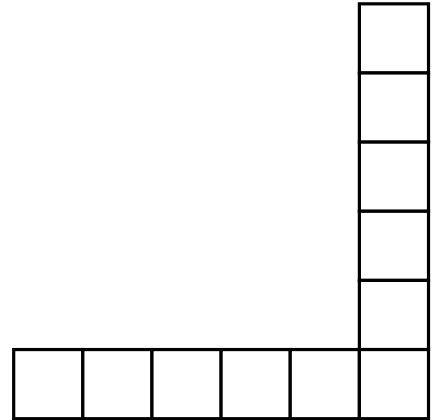
Step 1



Step 2



Step 3



How many squares in step 5?

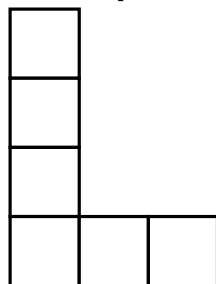


9

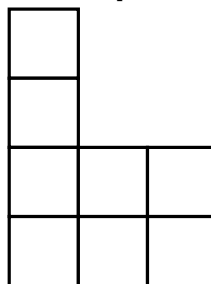
Growing Patterns Look at how it grows. Answer the question.



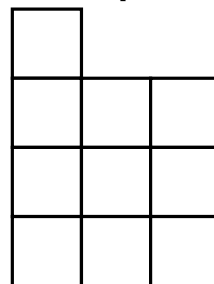
Step 1



Step 2



Step 3



How many squares in step 6?

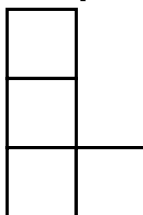


10

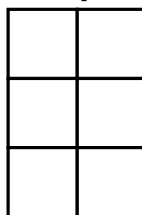
Growing Patterns Look at how it grows. Answer the question.



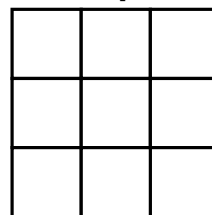
Step 1



Step 2



Step 3



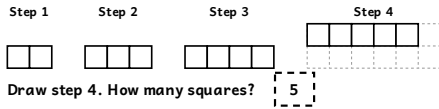
Which step has 10 squares?





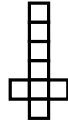
Answers For grown-ups. Cut off or keep this page aside until the puzzles are done.

Learn · Growing Patterns



#1

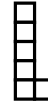
8 squares



8. Each step adds 1: 5, 6, 7, then $7 + 1 = 8$.

#2

6 squares



6. Each step adds 1: 3, 4, 5, then $5 + 1 = 6$.

#3

8 squares



8. Each step adds 1: 5, 6, 7, then $7 + 1 = 8$.

#4

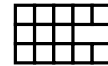
8 squares



8. Each step adds 1: 5, 6, 7, then $7 + 1 = 8$.

#5

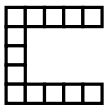
13 squares



13. Each step adds 2: 7, 9, 11, then $11 + 2 = 13$.

#6

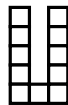
13 squares



13. Each step adds 2: 7, 9, 11, then $11 + 2 = 13$.

#7

11 squares



11. Each step adds 2: 5, 7, 9, then $9 + 2 = 11$.

#8

15 squares

15. Each step adds 2. Count on: 7, 9, 11, 13, 15.

#9

16 squares

16. Each step adds 2. Count on: 6, 8, 10, 12, 14, 16.

#10

Step 4

Step 4. Count on by 2: 4, 6, 8, 10. Step 4 has 10.