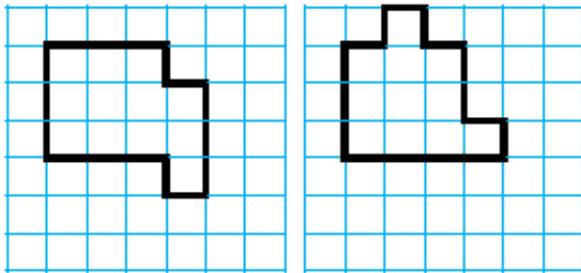


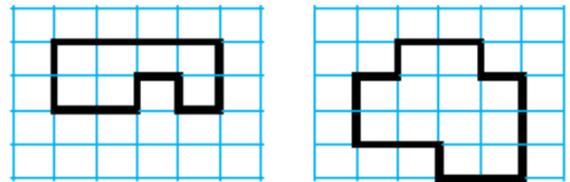
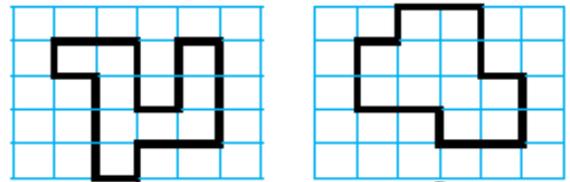
Answers

Complete the sentence stems using < and >.



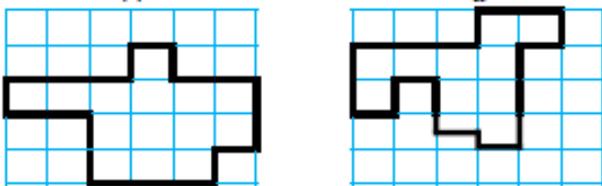
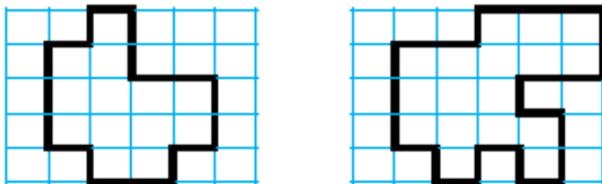
12 > 11

Put the shapes in order from smallest to largest area.



C A B D

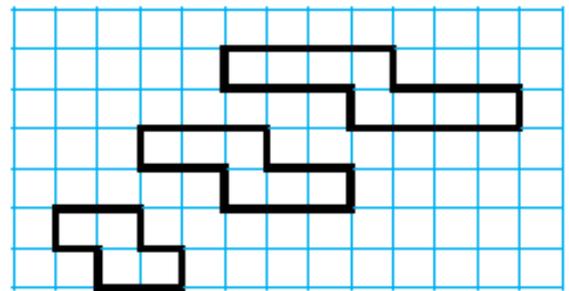
Put the shapes in order from largest to smallest area.



B C A D

What is different about the number of squares covered by shape D? *The area is 10 1/2*

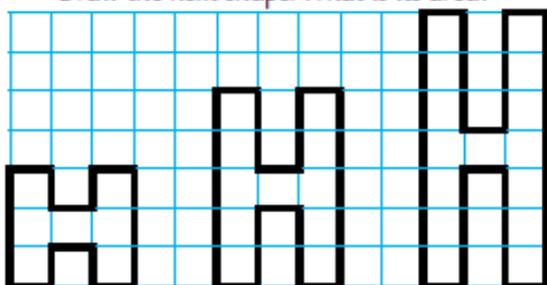
Look at the shapes. Can you spot the pattern and explain how the area is changing each time?



The next area is 2 plus the previous area.

Look at the shapes.

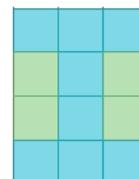
Draw the next shape. What is its area?



*The next area is 4 plus the previous area.
The next shape is an H that has an area of 19 squares.*

6. Dave is incorrect because the area of the design is 12 square tiles. If he recreates the design 3 times, it will use 36 square tiles and his kitchen floor only has space for 22.

6. Dave wants to recreate this design on his kitchen floor. His floor has space for 22 square tiles.



Dave thinks he can recreate this whole design on his kitchen floor 3 times. Is

Answers

Look at the shapes.



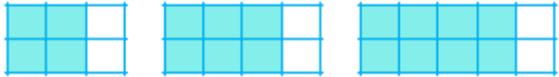
Can you spot the pattern and explain how the area is changing each time?

Draw the next shape.
What is its area?

Which shape will have an area equal to 10 tens?
Explain your answer.

The area increases by 4 each time.
The 21st shape will have an area equal to 7 tens and 15 ones = 85.

Look at the shapes.



Can you spot the pattern and explain how the area is changing each time?

Draw the next shape.
What is its area?

Can you predict what the area of the 6th shape would be?

The area increases by 2 each time.
The area of the next shape will be 10 squares.
The area of the 8th shape will be 18 squares.

Here are some shapes made out of equal squares.

Which is the odd one out?



Explain your answer.

The third shape is the odd one out.
Its area is 9 squares.
The other five have an area of 8 squares.