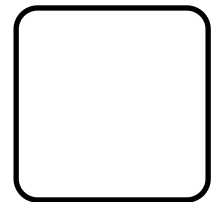
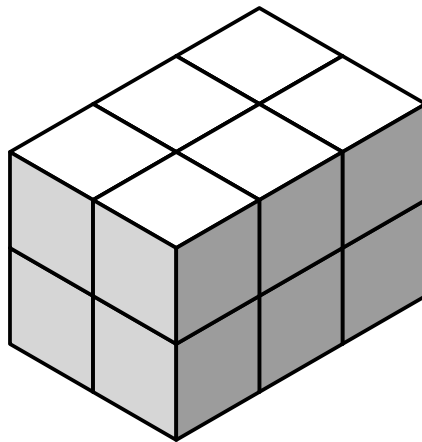




1

Painted Cubes

The block is dipped in paint, then taken apart. How many small cubes have paint on exactly 3 faces?



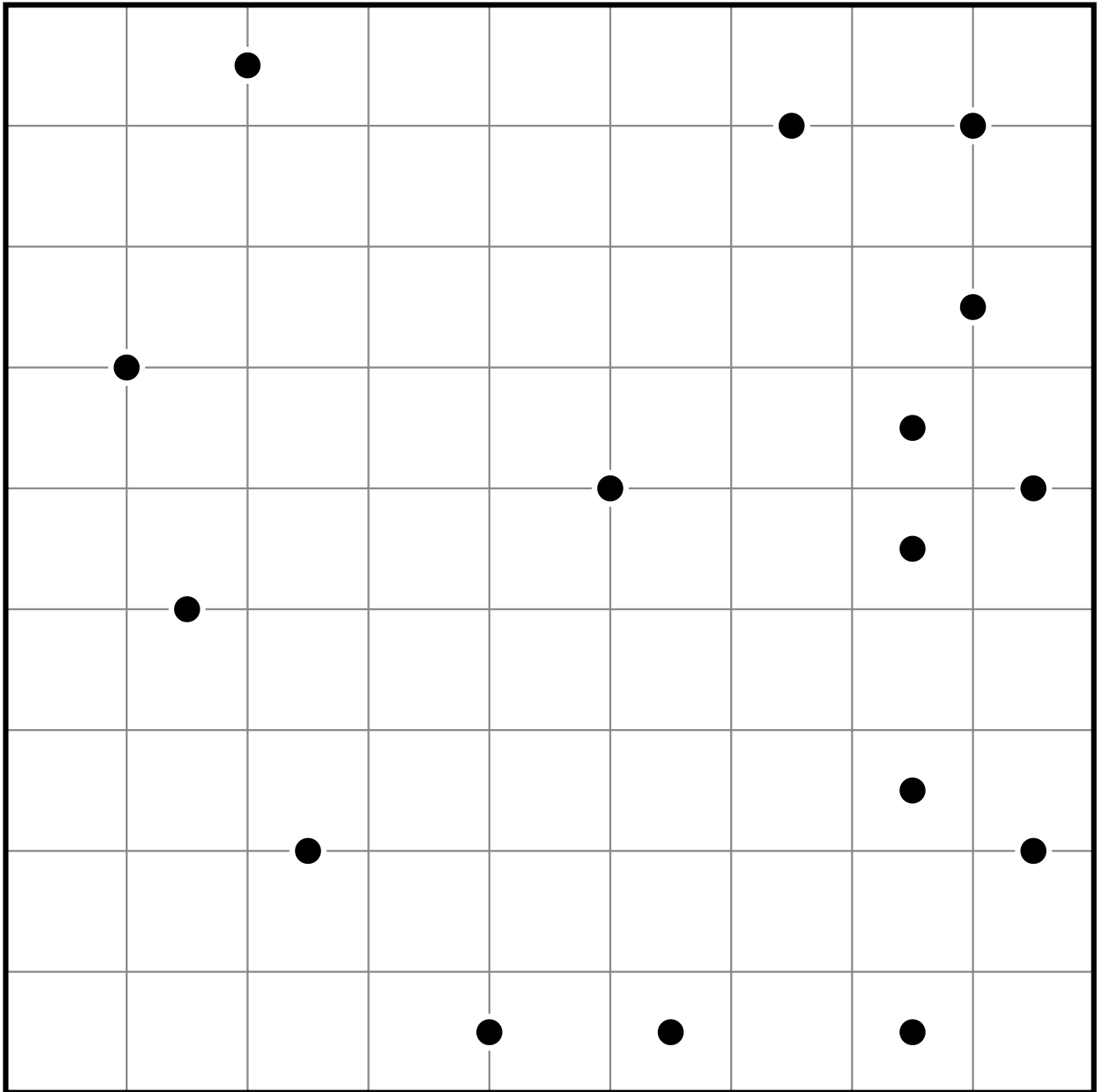
cubes



2

Galaxies

Split the grid into parts with one dot each. Each part looks the same upside down.

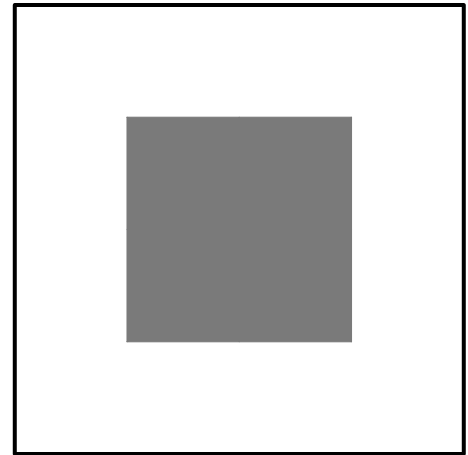
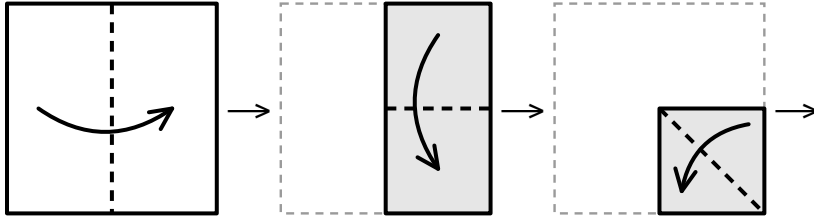




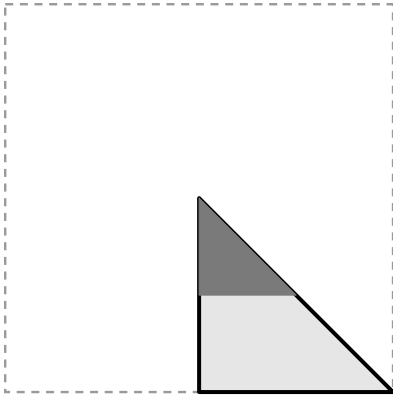
3

Fold & Cut

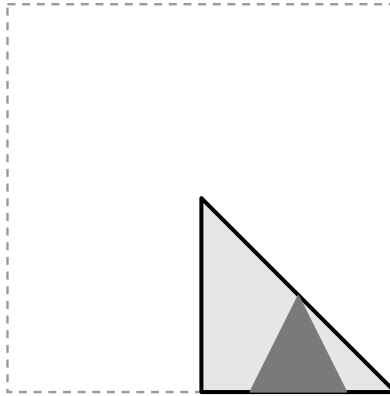
The paper was folded like this, then cut. Opened, it looks like the big picture. Which cut was it?



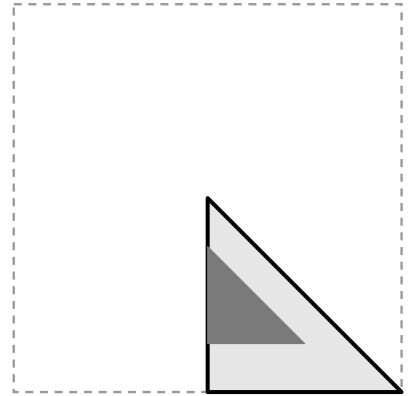
A



B



C





4 Picture Grids

Shade squares to match the numbers, in order. A picture appears!



	1 2	5	1 3 2 1	2 4 3 1	3 12	1 12	3 1 12	3 14	3 12	1 1 12	3 12	2 4 3 1	1 6 1	3	2
3															
3															
7															
2 2															
11															
1															
9															
11															
1 11 1															
14															
2 7 2															
2 7 2															
2 7 1															
11															
9															
9															
7															
11															



5 One Fib Who did it? Who fibbed?



Someone moved the chess pieces.

A fibbing game: exactly two of them fib.

Ali:

Malik did it.

Kenji:

It was Lucy or me.

Lucy:

It wasn't Kenji or Ryan.

Ryan:

It was Ali or Malik.

Malik:

It was Ali or me.

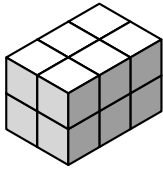
Emery said nothing, but could have done it too.

Who did it? _____ **Who fibbed?** _____

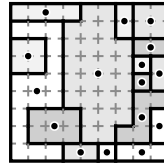


Answers For grown-ups. Cut off or keep this page aside until the puzzles are done.

#1

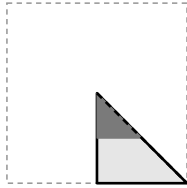


#2

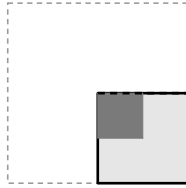


#3

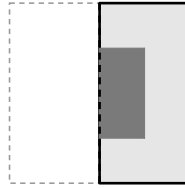
Answer: A



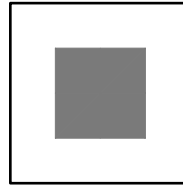
Folded and cut



Fold 3 opened

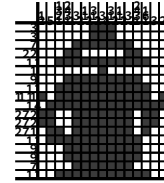


Fold 2 opened



All open

#4



#5

Ali did it. Fibbed: Ali, Kenji.