

Jann used a set of kitchen scales to measure the mass of a packet of sugar.



What is the mass of Jann's sugar?

☐ 102 g

☐ 120 g

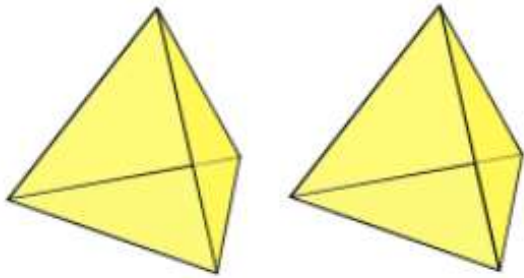
☐ 1020 g

☐ 1200 g

Yusuf built a model from two identical triangular pyramids.

The faces of each pyramid were identical triangles.

He used some glue to join a face of one pyramid to a face of the other pyramid.



How many edges were on Yusuf's model?

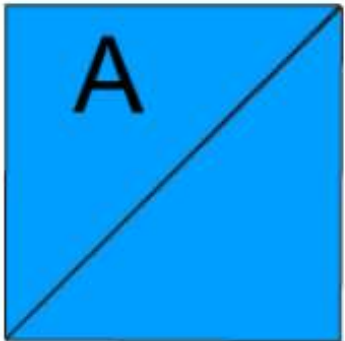
☐ 6

☐ 12

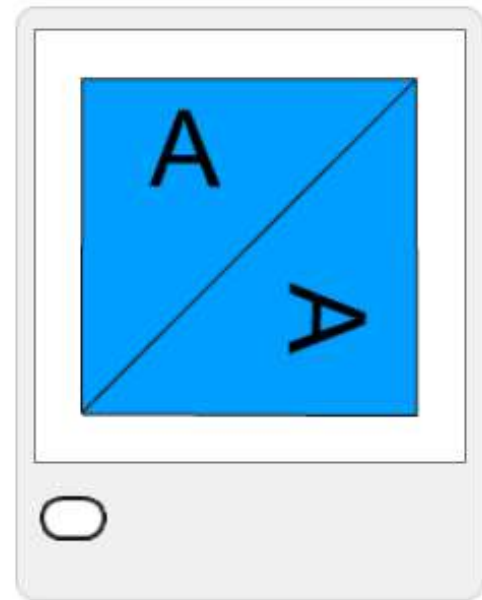
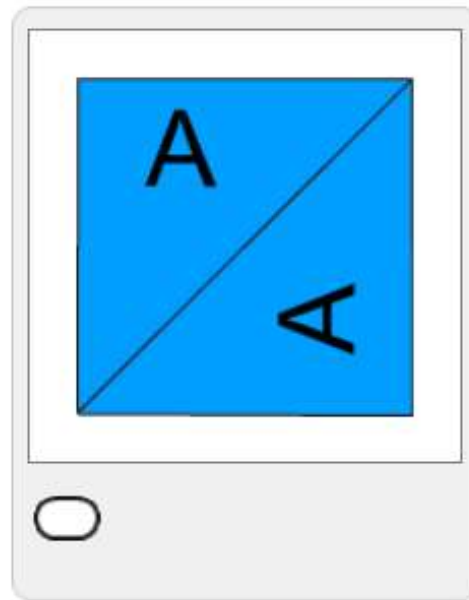
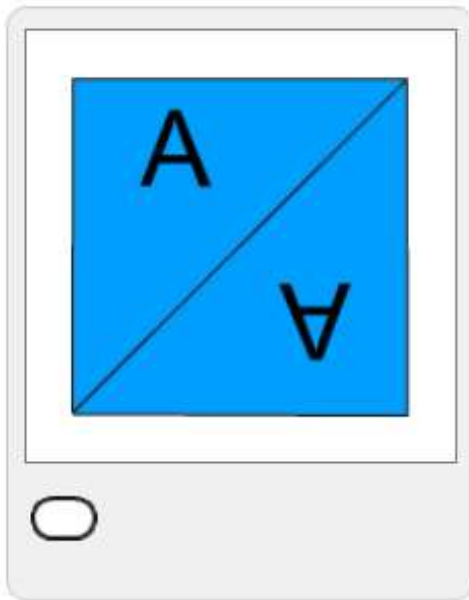
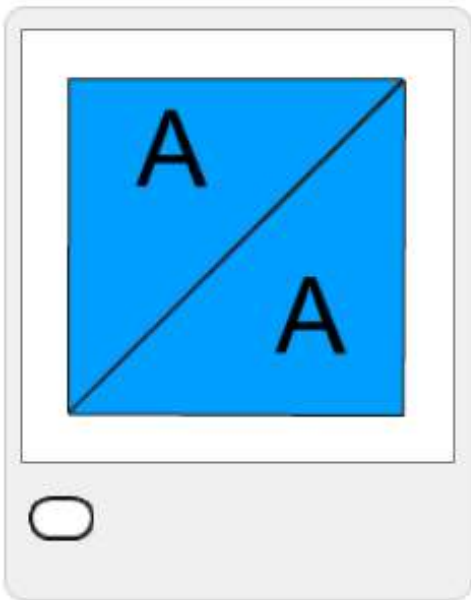
☐ 8

☐ 9

Larry painted the letter **A** on one-half of a square of paper.
Before the paint could dry, he folded the paper along the line.

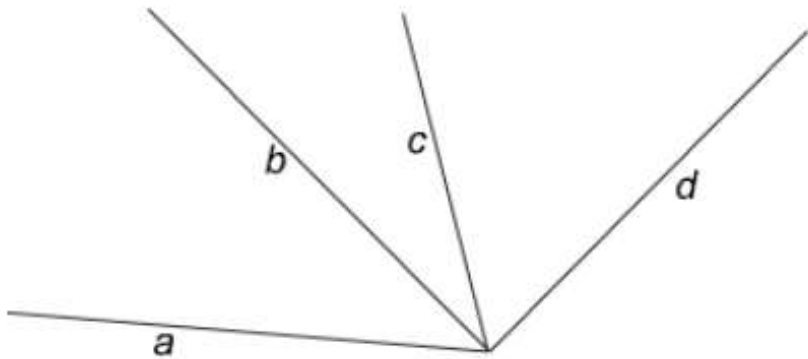


Which diagram shows Larry's square?



(Advanced)

The diagram shows four lines that all meet at the same point.



Which two lines meet at a right angle?

☐ lines *a* and *c*

☐ lines *a* and *d*

☐ lines *b* and *c*

☐ lines *b* and *d*

Each cup holds 250 mL.



How many cups will be needed to hold 2 L?

☐ 4

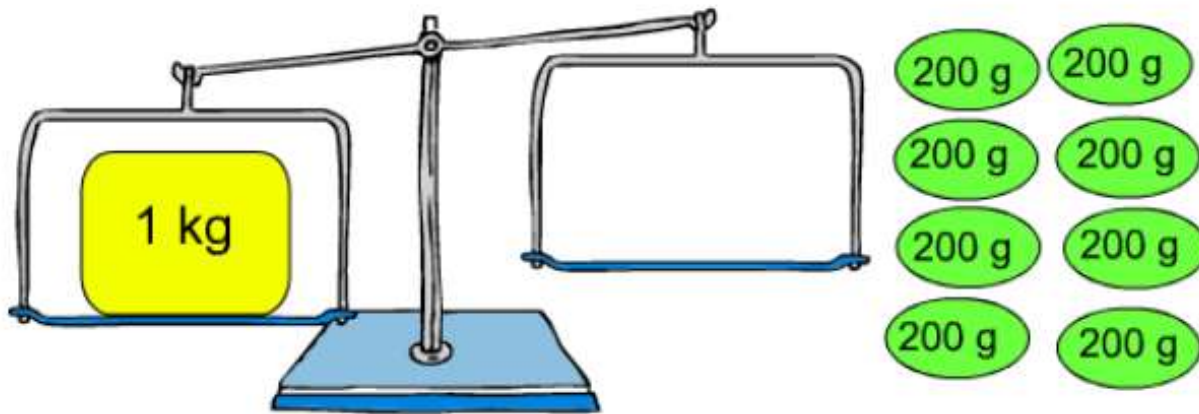
☐ 8

☐ 12

☐ 16

Lee wanted to balance a set of scales.

He put a 1-kg mass on one end of his scales.



How many of the 200-g discs does Lee need to balance the scales?

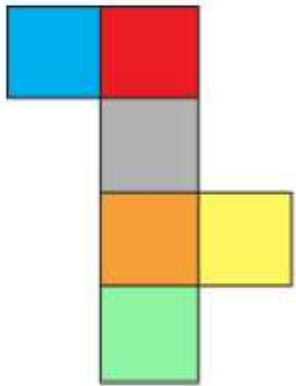
☐ 2

☐ 3

☐ 4

☐ 5

This net is folded to make this cube.



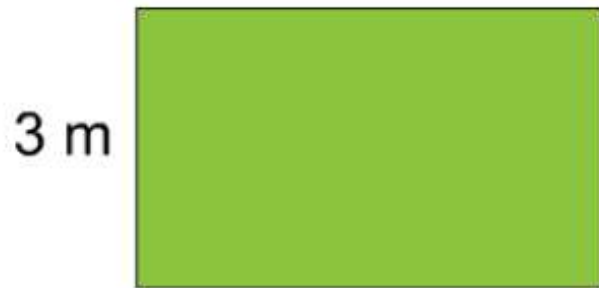
What colour should the front face be?

☐ blue

☐ red

☐ yellow

☐ green



The area of this rectangle is 15 square metres.

What is its perimeter?

☐ 12 m

☐ 14 m

☐ 15 m

☐ 16 m

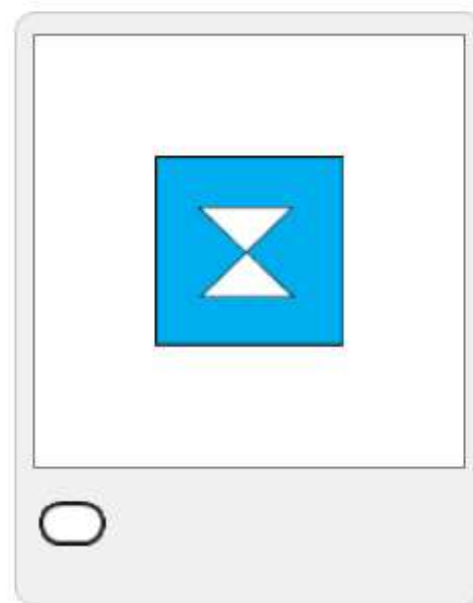
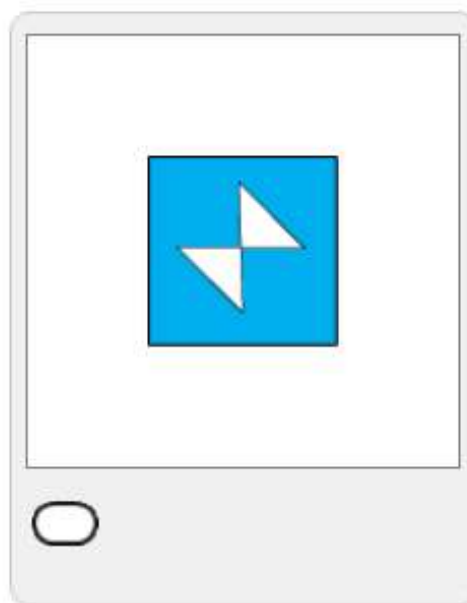
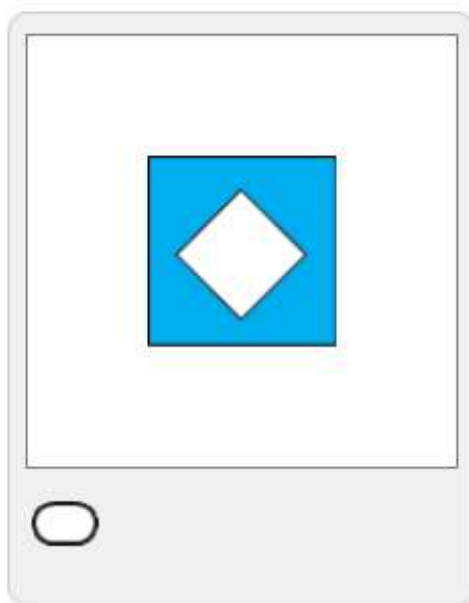
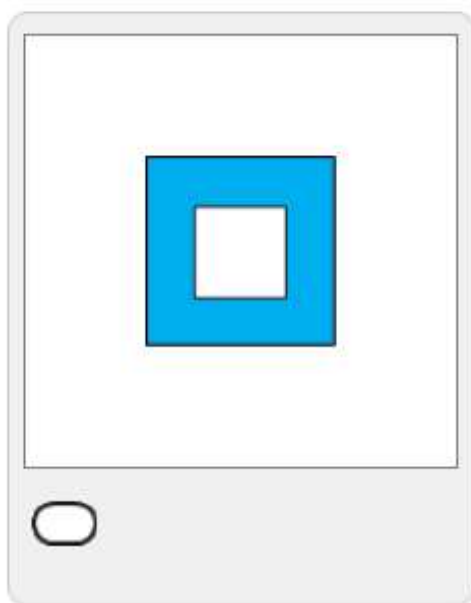
Lucy folds a square piece of paper in half.



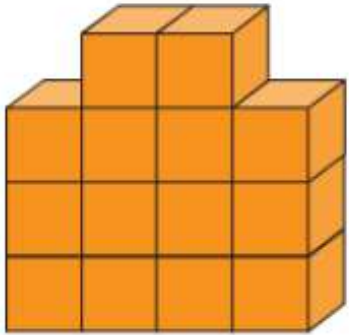
She then cuts a triangle from the folded paper.



What will Lucy's paper look like when she unfolds it?



Dylan made this 3D object. He used 14 cubes.

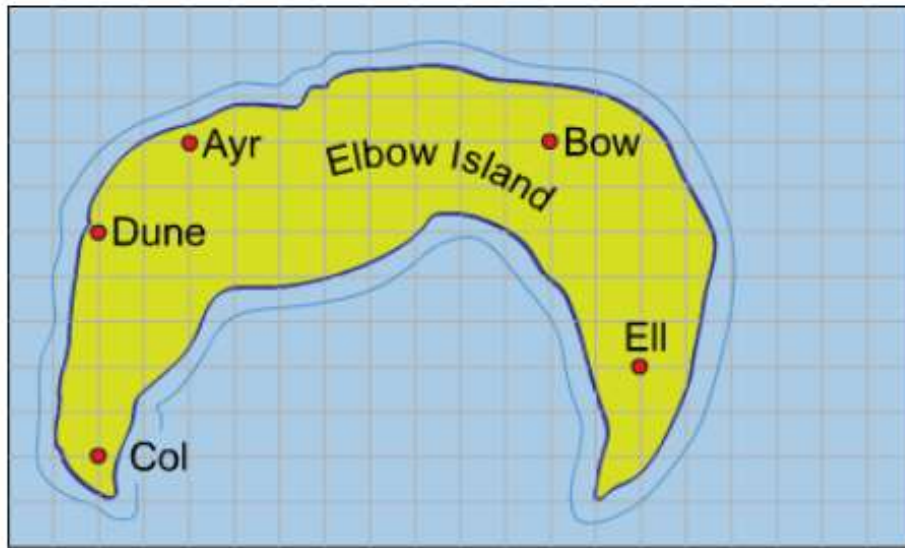


Dylan painted all the outside faces of his object.

How many cubes have half of their faces painted?

Submit

Here is a map of Elbow Island.



The shortest distance from Dune to Col is 45 km.

What is the shortest distance from Ayr to Bow?

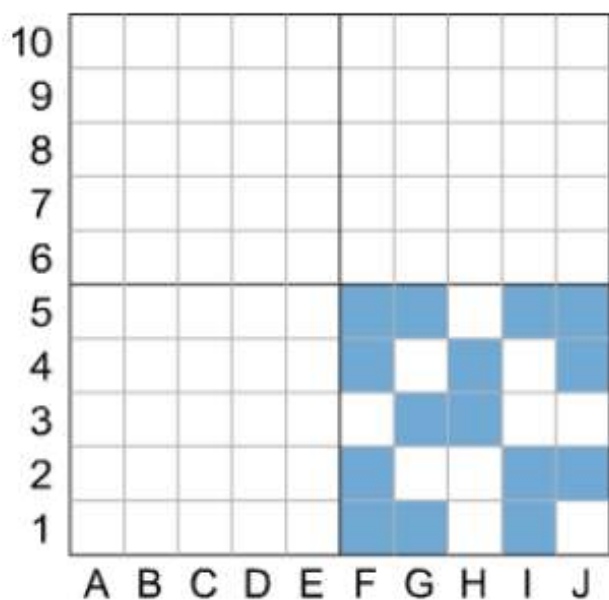
☐ 63 km

☐ 72 km

☐ 81 km

☐ 85 km

Sue shades some squares on a grid to make a pattern. When the pattern is completed the two black lines will be lines of symmetry.



When the pattern is completed which of these squares will **not** be shaded?

☐ A9

☐ B10

☐ C8

☐ D7