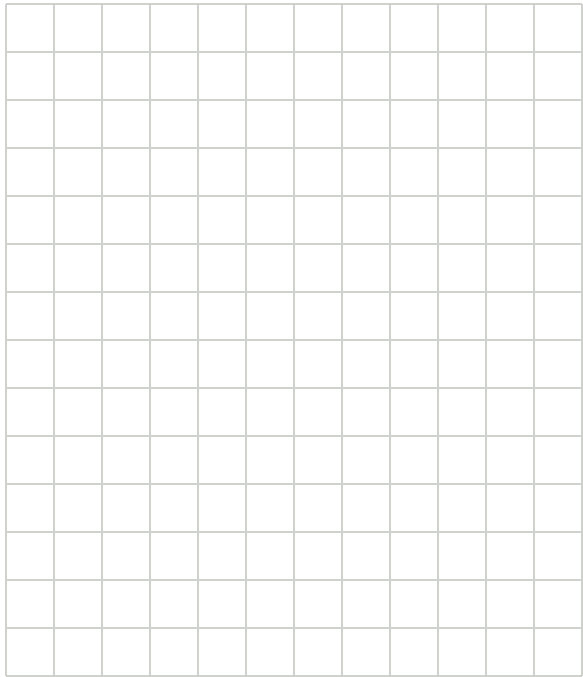
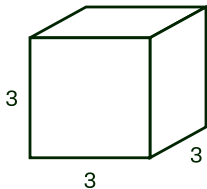


Draw a net for a given solid

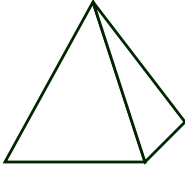
NAME	DATE	SCORE
		/ 10

- 1
- The cube below has edges 3 units long. Each square on the grid is 1 unit long. Draw a net for the cube on the grid.



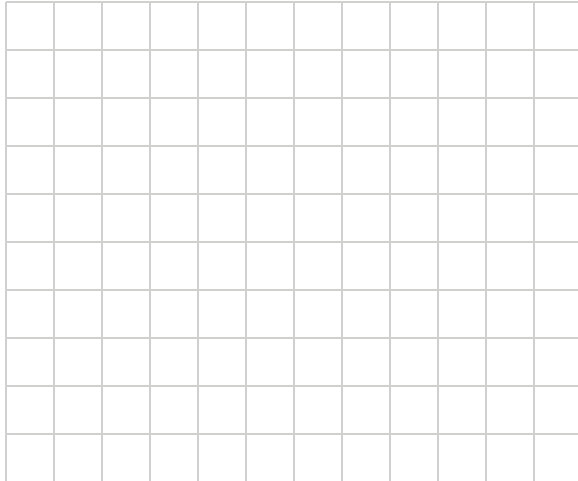
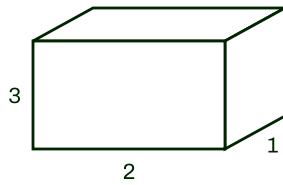
2

The pyramid below has a square base with sides 2 units long. Each of its other faces is a triangle 3 units tall. Each square on the grid is 1 unit long. Draw a net for the pyramid on the grid.



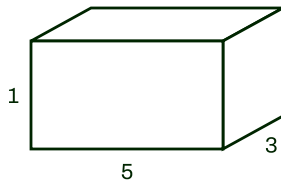
3

The box below is 2 units long, 1 unit wide and 3 units tall. Each square on the grid is 1 unit long. Draw a net for the box on the grid.



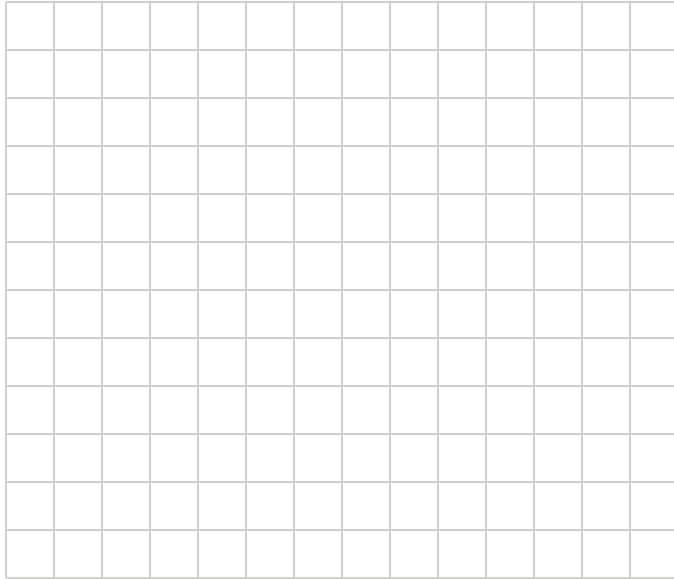
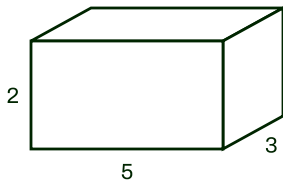
4

The box below is 5 units long, 3 units wide and 1 unit tall. Each square on the grid is 1 unit long. Draw a net for the box on the grid.



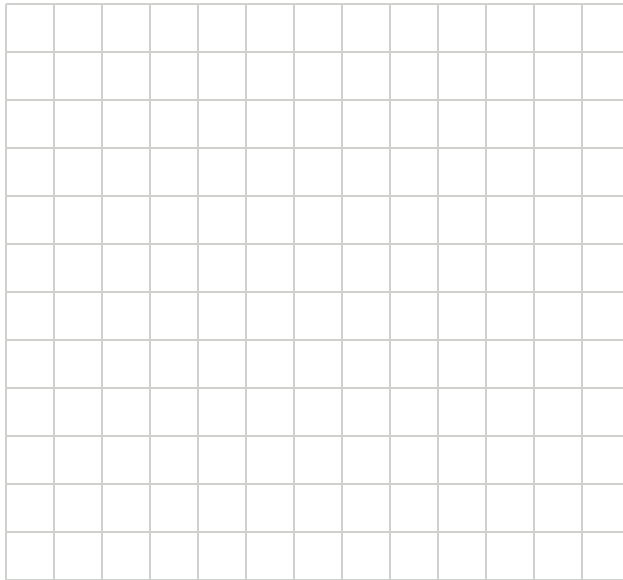
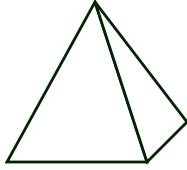
5

The box below is 5 units long, 3 units wide and 2 units tall. Each square on the grid is 1 unit long. Draw a net for the box on the grid.



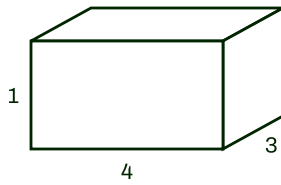
6

The pyramid below has a square base with sides 4 units long. Each of its other faces is a triangle 3 units tall. Each square on the grid is 1 unit long. Draw a net for the pyramid on the grid.



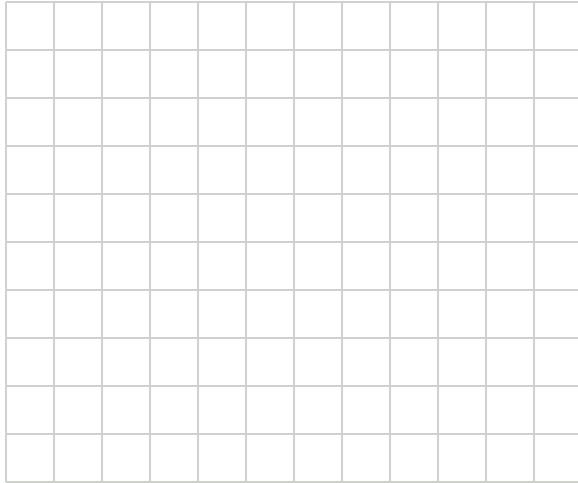
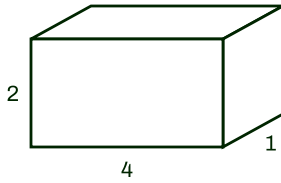
7

The box below is 4 units long, 3 units wide and 1 unit tall. Each square on the grid is 1 unit long. Draw a net for the box on the grid.



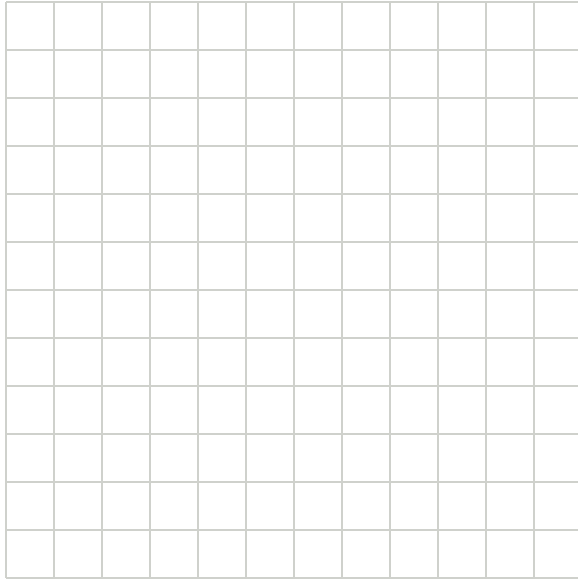
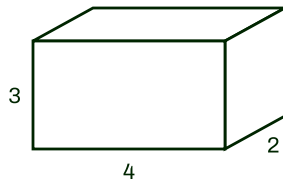
8

The box below is 4 units long, 1 unit wide and 2 units tall. Each square on the grid is 1 unit long. Draw a net for the box on the grid.

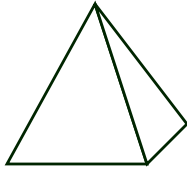


9

The box below is 4 units long, 2 units wide and 3 units tall. Each square on the grid is 1 unit long. Draw a net for the box on the grid.

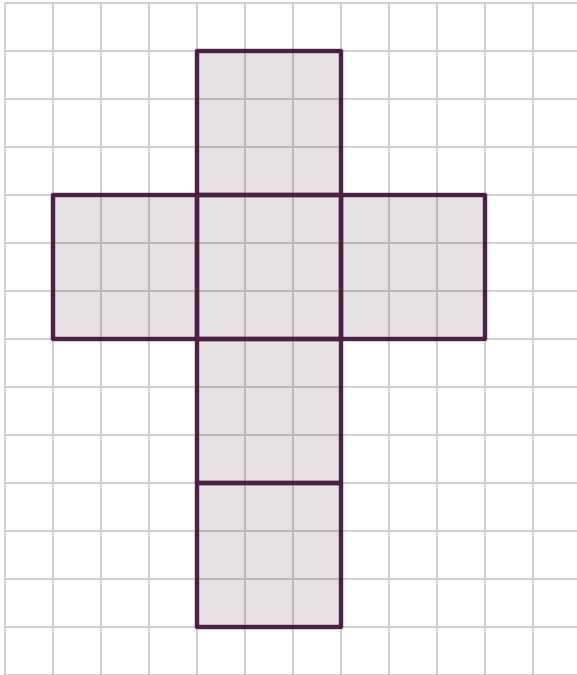


- 10** The pyramid below has a square base with sides 2 units long. Each of its other faces is a triangle 2 units tall. Each square on the grid is 1 unit long. Draw a net for the pyramid on the grid.



Draw a net for a given solid

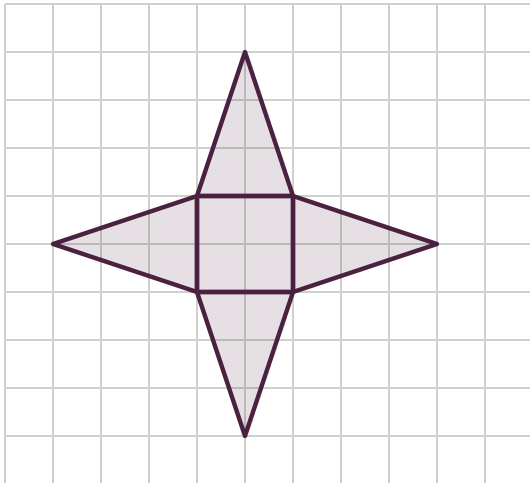
1 A drawing



What counts as right: Six 3 by 3 squares joined edge to edge in a pattern that folds into a cube, such as a column of 4 with one square on each side of the second. Any of the cube's nets counts; a pattern with 4 squares in a row and 2 on the same side does not fold closed.

2

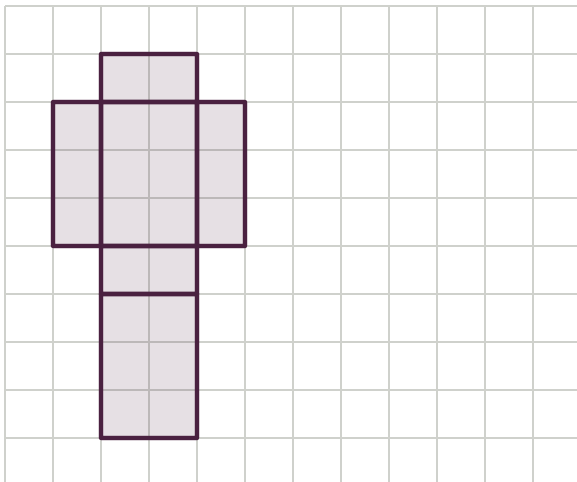
A drawing



What counts as right: One 2 by 2 square with a triangle on each of its 4 sides, each triangle 3 units tall from that side to its tip, so the triangles fold up to meet at one point. Another layout counts if it has the same 5 faces and folds closed with no gaps or overlaps.

3

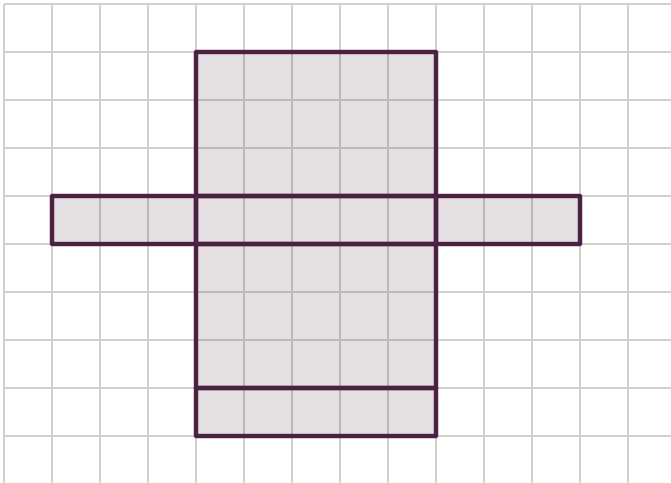
A drawing



What counts as right: Six rectangles joined edge to edge: two 2 by 1, two 2 by 3 and two 1 by 3, arranged so they fold into the box. Any layout that folds closed with no gaps or overlaps counts; matching edges must be the same length.

4

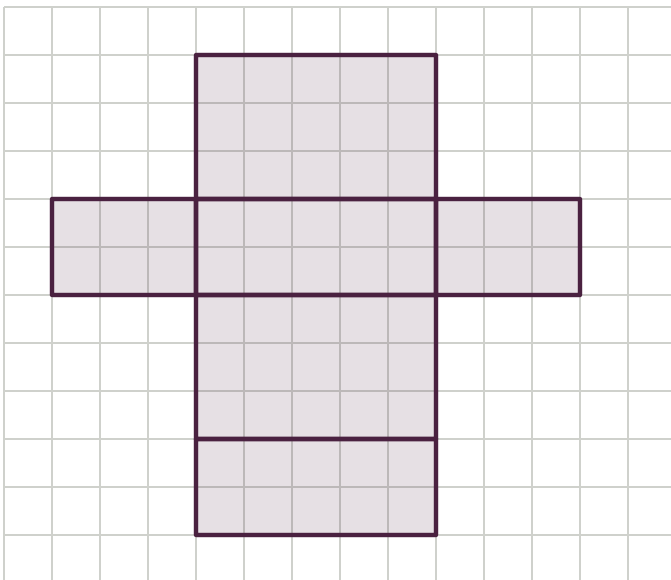
A drawing



What counts as right: Six rectangles joined edge to edge: two 5 by 3, two 5 by 1 and two 3 by 1, arranged so they fold into the box. Any layout that folds closed with no gaps or overlaps counts; matching edges must be the same length.

5

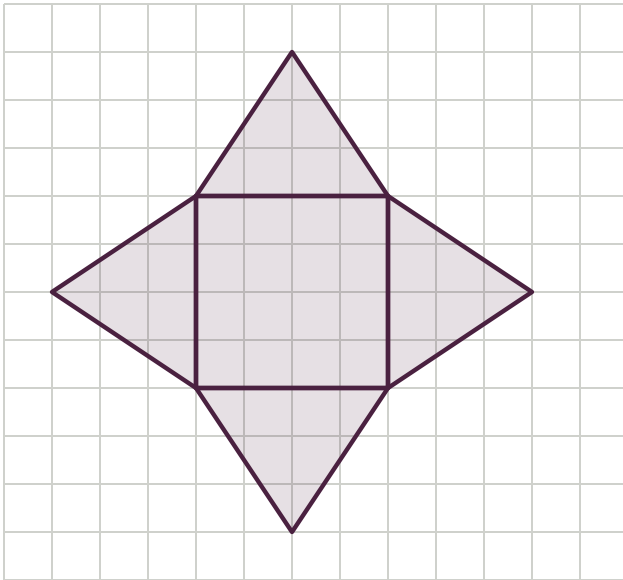
A drawing



What counts as right: Six rectangles joined edge to edge: two 5 by 3, two 5 by 2 and two 3 by 2, arranged so they fold into the box. Any layout that folds closed with no gaps or overlaps counts; matching edges must be the same length.

6

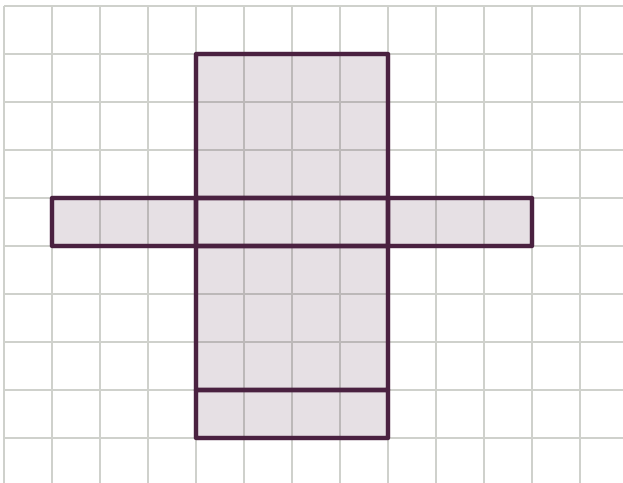
A drawing



What counts as right: One 4 by 4 square with a triangle on each of its 4 sides, each triangle 3 units tall from that side to its tip, so the triangles fold up to meet at one point. Another layout counts if it has the same 5 faces and folds closed with no gaps or overlaps.

7

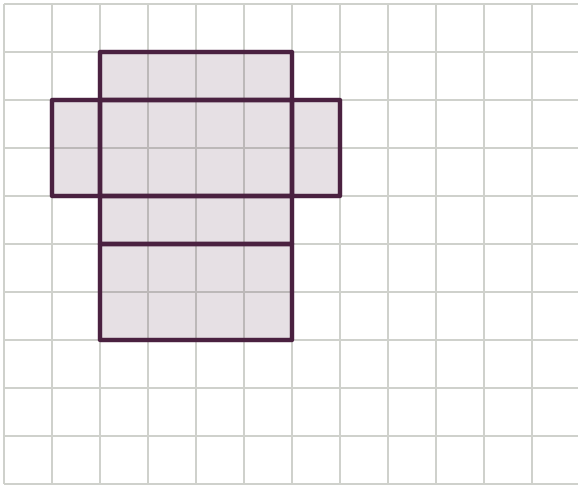
A drawing



What counts as right: Six rectangles joined edge to edge: two 4 by 3, two 4 by 1 and two 3 by 1, arranged so they fold into the box. Any layout that folds closed with no gaps or overlaps counts; matching edges must be the same length.

8

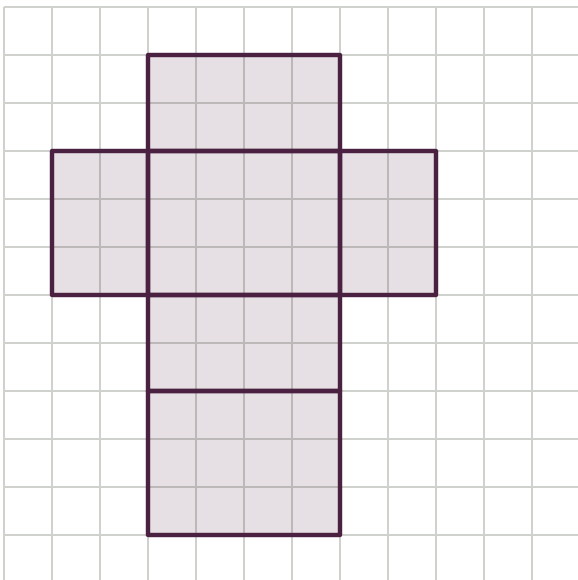
A drawing



What counts as right: Six rectangles joined edge to edge: two 4 by 1, two 4 by 2 and two 1 by 2, arranged so they fold into the box. Any layout that folds closed with no gaps or overlaps counts; matching edges must be the same length.

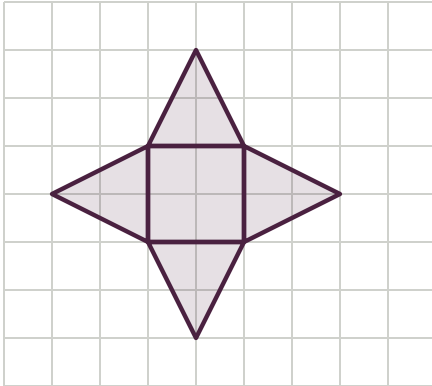
9

A drawing



What counts as right: Six rectangles joined edge to edge: two 4 by 2, two 4 by 3 and two 2 by 3, arranged so they fold into the box. Any layout that folds closed with no gaps or overlaps counts; matching edges must be the same length.

10 A drawing



What counts as right: One 2 by 2 square with a triangle on each of its 4 sides, each triangle 2 units tall from that side to its tip, so the triangles fold up to meet at one point. Another layout counts if it has the same 5 faces and folds closed with no gaps or overlaps.