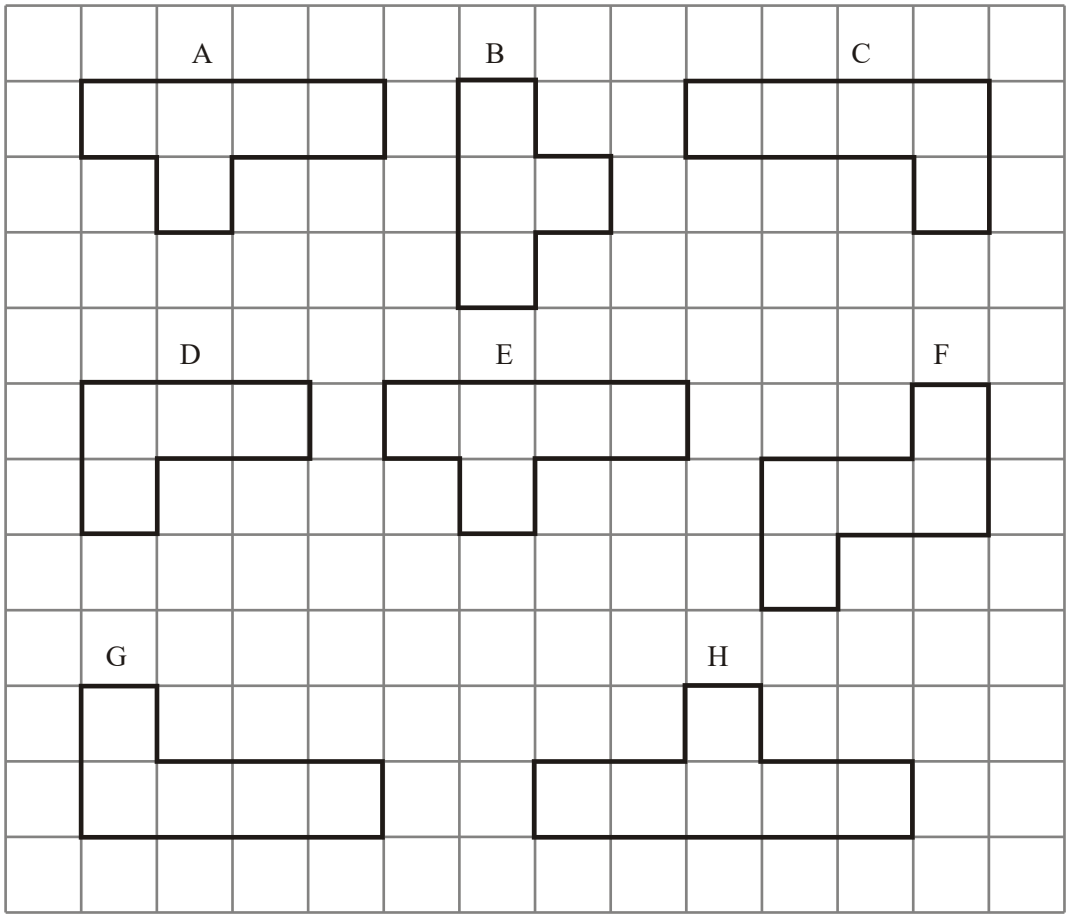
1. Here are 8 shapes.



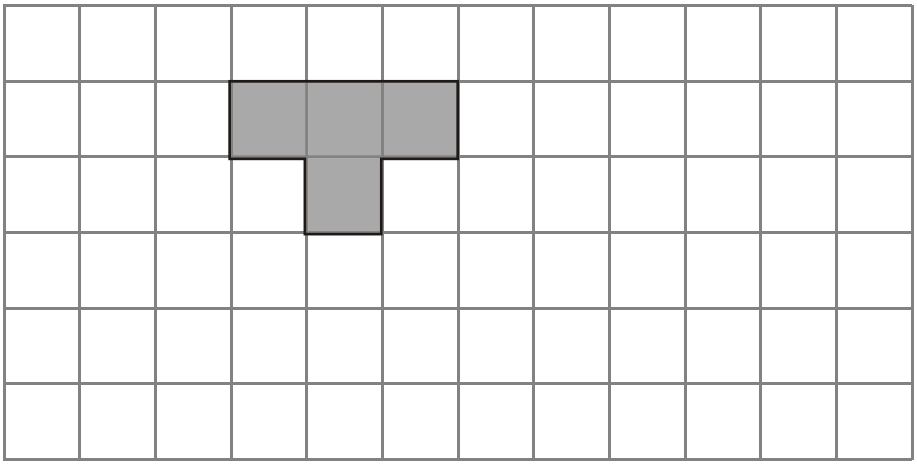
(a) Write down the letters of two **different** pairs of congruent shapes.

..... and .....

..... and .....

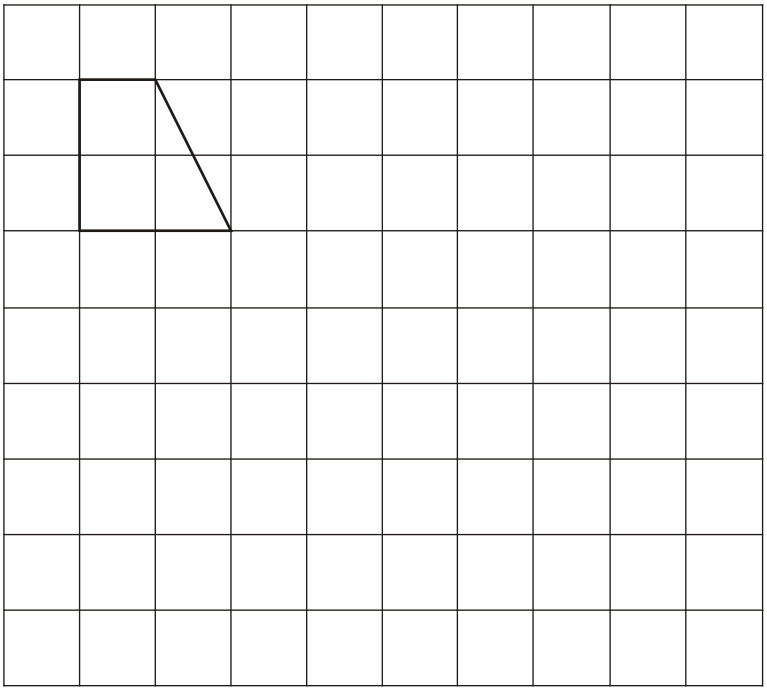
(2)

(b) On the grid, show how the shaded shape will tessellate.
You must draw at least 6 shapes.



(2)
(Total 4 marks)

2. On the grid, show how this trapezium tessellates.
You should draw at least 6 trapeziums.



(Total 2 marks)

1. (a) A and E, C and G 2

B1 for first correct pair
B1 for second correct pair

(b) B2 for at least 5 extra correct tessellating shapes (no gaps) 2
[B1 for any 3 correct tessellating shapes]

[4]

2. Correct tessellation 2

B2 for at least 6 correct shapes (including initial shape) correctly tessellating
(B1 for at least 4 correct shapes (including initial shape) correctly tessellating)

[2]

1. Part (a) was well answered. There were very few responses in part (b) that attracted any marks. Frequently the shapes were put together in such a way that there were gaps on the grid. There appeared to be little understanding of tessellation.

2. Many candidates were able show how the trapezium tessellates. Most drew at least 6 trapeziums (including the one on the grid) as required, but some of those who drew more than this, sometimes spoiled their answers by including incorrect shapes or inappropriate spaces between them.