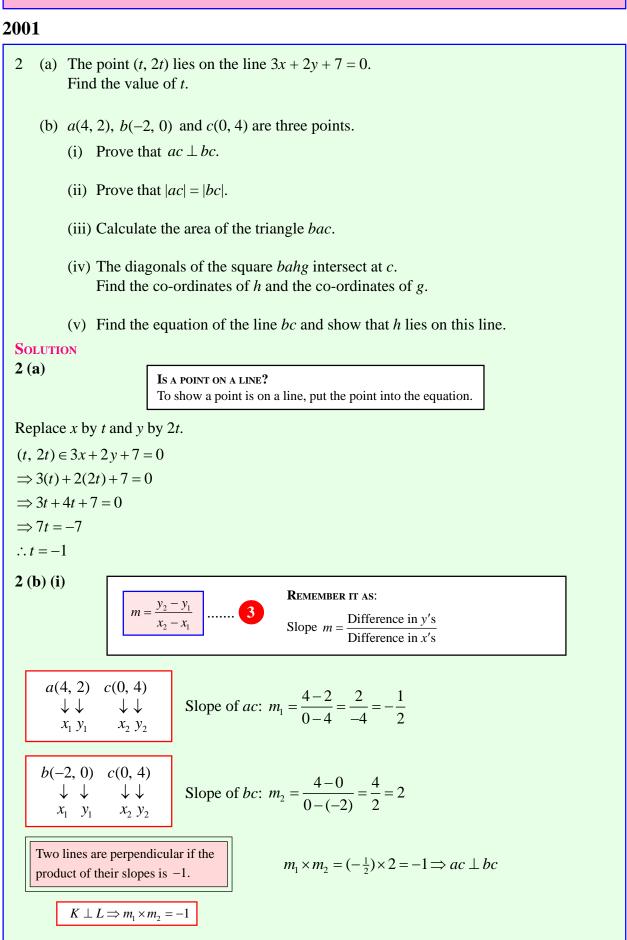
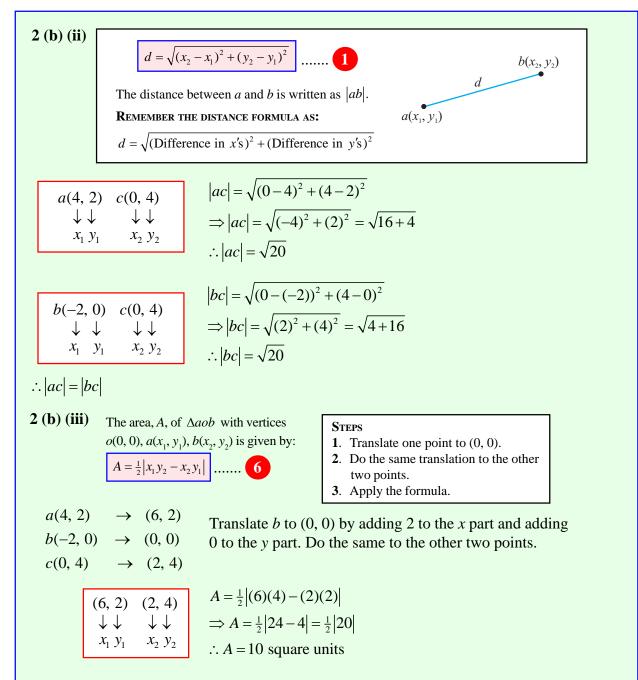
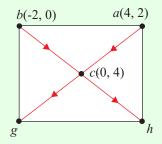
THE LINE (Q 2, PAPER 2)

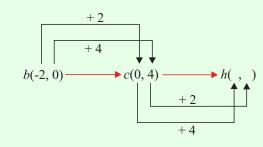




2 (b) (iv)

The diagonals of a square bisect each other. To find out the co-ordinates of g and h send points b and athrough c by a central symmetry.





To go from b to c, you add 2 to the *x*-coordinate and 4 to the *y*-coordinate. Therefore, to go from cto h, you do exactly the same.

$$\therefore b(-2, 0) \rightarrow c(0, 4) \rightarrow h(2, 8)$$

NOTE: *c* is the midpoint of [*bh*].

