

DO NOT WRITE IN THIS AREA

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- 20  $\frac{2 - \sqrt{2}}{(1 + \sqrt{2})^2}$  can be written in the form  $a + b\sqrt{2}$  where  $a$  and  $b$  are integers.

Find the value of  $a$  and the value of  $b$ .

Show your working clearly.

$a = \dots$

$b = \dots$

(Total for Question 20 is 4 marks)



P 6 6 2 9 3 A 0 1 5 2 8