

22 (a) Express $\sqrt{50} + \sqrt{242}$ in the form $a\sqrt{a}$ where a is an integer.

(2)

(b) Express $\frac{12}{\sqrt{5}-1}$ in the form $y\sqrt{x} + y$ where x and y are integers.
Show each stage of your working.

(3)

(Total for Question 22 is 5 marks)

