

**15 (a)** Expand and simplify.

$$(2 - \sqrt{5})(1 - 3\sqrt{5})$$

..... [2]

**(b)** Rationalise the denominator.  
Give your answer in its simplest form.

$$\frac{6}{\sqrt{10}}$$

..... [2]

**16** Expand and simplify.

$$(x + 4)(x - 3)(3x + 2)$$

..... [3]