14 (a) Simplify $(2e^2 f^3)^3$

.....

(2)

(b) Expand and simplify $(3x - 4y)(x + 3y)$

.....

(2)

$\dfrac{\sqrt{a} \times a}{a^{-2}}$ can be written in the form a^k

(c) Find the value of k.

$k =$ .....

(2)

(d) Simplify $\dfrac{2^n - 1}{4^n - 1}$

.....

(2)

(Total for Question 14 is 8 marks)

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