

11 $\frac{3^n \times 3^{20}}{3^8} = 3^{14}$

(a) Find the value of n .

$n = \dots\dots\dots$

(2)

(b) Write $(64m^{12})^{\frac{2}{3}}$ in the form am^b where a and b are integers.

$\dots\dots\dots$

(2)