IGCSE – Indices – negative, fractional -2

Oct 05 Paper 2

18 Simplify

(a) $\left(\frac{x^{27}}{27}\right)^{\frac{2}{3}}$,

Answer(a) ..... [2]

(b) $\left(\frac{x^{-2}}{4}\right)^{-\frac{1}{2}}$.

Answer(b) ..... [2]

Oct 06 Paper 2

7 Find the value of n in each of the following statements.

(a) $32^n = 1$

Answer(a) $n =$ ..... [1]

(b) $32^n = 2$

Answer(b) $n =$ ..... [1]

(c) $32^n = 8$

Answer(c) $n =$ ..... [1]