

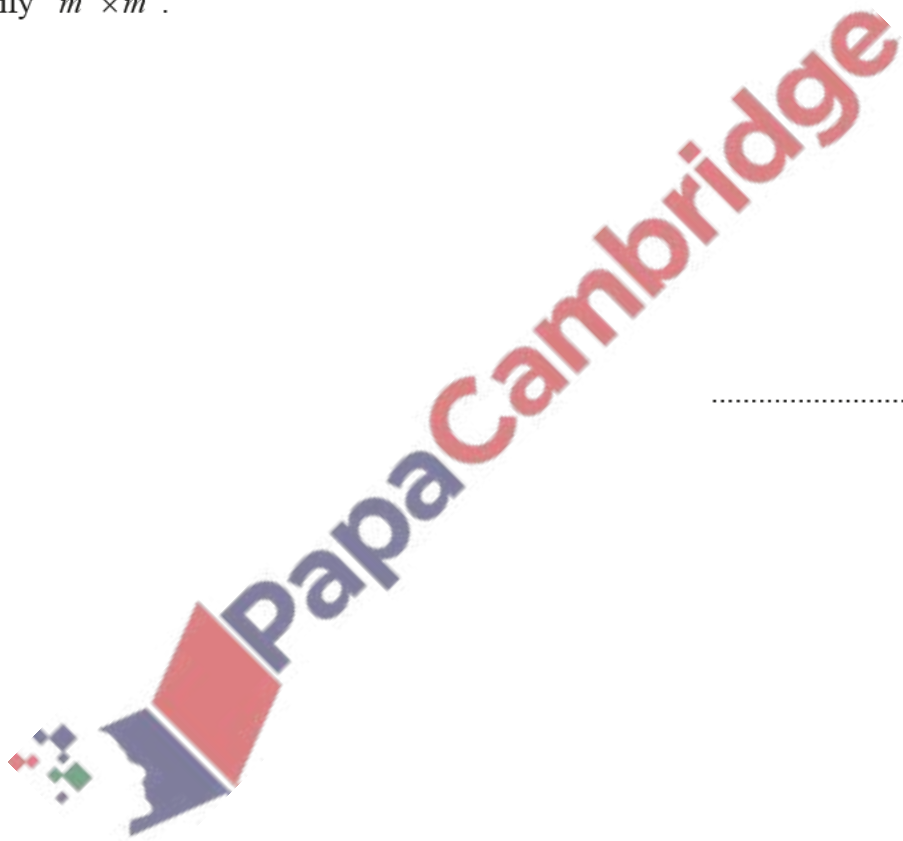
1. Nov/2021/Paper_11/No.7

(a) Evaluate 4^0 .

..... [1]

(b) Simplify $m^3 \times m^5$.

..... [1]



2. Nov/2021/Paper_12/No.22

(a) Solve.

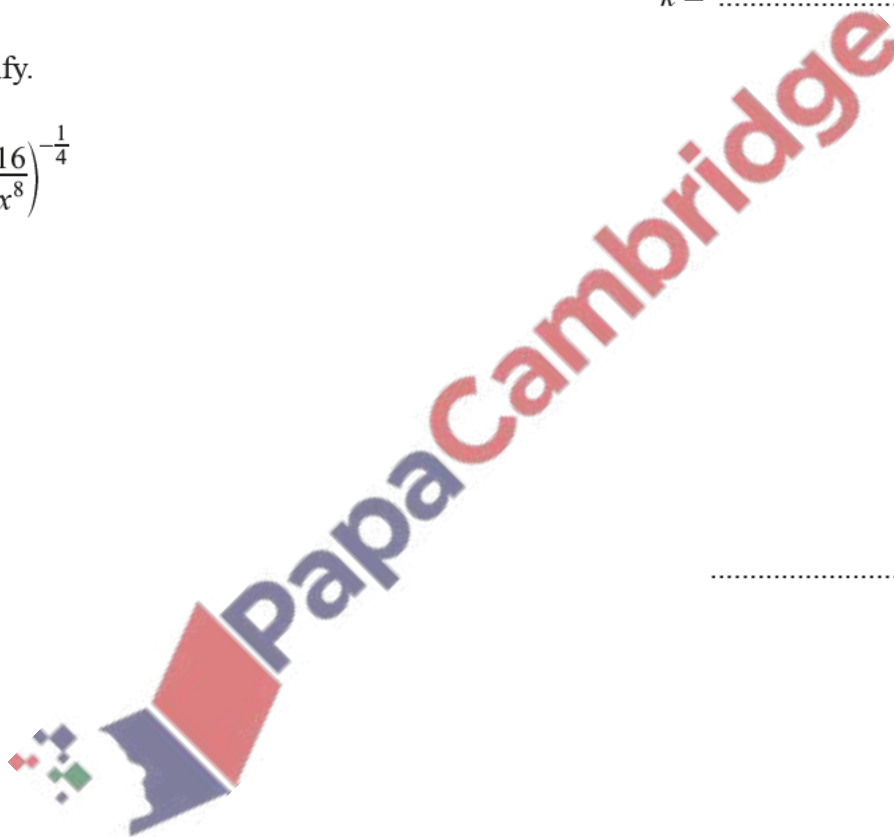
$$27^k = 9$$

$k = \dots\dots\dots$ [2]

(b) Simplify.

$$\left(\frac{16}{x^8}\right)^{\frac{1}{4}}$$

$\dots\dots\dots$ [2]



3. June/2021/Paper_12/No.16

(a) $(y^k)^{-2} = y^5$

Find the value of k .

$k = \dots\dots\dots$ [1]

(b) Simplify $\left(\frac{1}{2x}\right)^3$.

$\dots\dots\dots$ [2]

