

1 [4024/12/M/J/18]

(a) Evaluate 4^0

Answer (a): _____ [1]

(b) Evaluate $9^{-\frac{1}{2}}$

Answer (b): _____ [1]

2 [4024/11/O/N/19]

Simplify $(3x^4)^2$.

Answer: _____ [1]

3 [4024/12/M/J/20]

Simplify $(x^{\frac{3}{8}})^{-\frac{1}{3}}$.

Answer: _____ [2]

4 [4024/12/O/N/21]

Find the value of n when $2^n \times 8 = 2^9$.

Answer: $n =$ _____ [2]

5 [4024/11/M/J/22]

(a) Simplify $(p^3)^4$.

Answer (a): _____ [1]

(b) Simplify $32^{\frac{3}{5}}$

Answer (b): _____ [1]

6 [4024/12/O/N/23]

Find the value of x given that $\frac{(5^x)}{25} = 5^6$.

Answer: $x =$ _____ [2]

7 [4024/11/M/J/24]

Evaluate $\left(\frac{16}{81}\right)^{-\frac{3}{4}}$.

Answer: _____ [2]

8 [4024/01/Specimen 2025]

Simplify $\frac{(12y^7)}{(3y^{-2})}$.

Answer: _____ [2]