



National 5 Mathematics

Indices - Questions

Marks are indicated in brackets after each question number

2014 Paper 2 Question 8, (3)

Simplify $\frac{n^5 \times 10n}{2n^2}$.

2015 Paper 1 Question 14, (2)

Evaluate $8^{\frac{5}{3}}$.

2016 Paper 2 Question 10, (3)

Simplify $(n^2)^3 \times n^{-10}$.

Give your answer with a **positive** power.

2017 Paper 2 Question 12, (2)

Express $\frac{1}{\sqrt[3]{x}}$ in the form x^n .

2018 Paper 1 Question 15, (2)

Remove the brackets and simplify $\left(\frac{2}{3}p^4\right)^2$.

2019 Paper 2 Question 16, (3)

Simplify $\frac{a^4 \times 3a}{\sqrt{a}}$.



2022 Paper 1 Question 11, (3)

Simplify $(m^{-2})^4 \times m^{-5}$.

Give your answer with a **positive** power.

2023 Paper 1 Question 12, (3)

Simplify $\frac{5c^{-2}}{c^3 \times c^4}$.

Give your answer with a **positive** power.