

Question 1Simplify $5 \times 8^{2/3}$ **Question 5**Simplify $5(8x^4 \div 2x^6)$ **Question 2**Simplify $-2x^0$ **Question 6**Simplify $\left(\frac{5a}{b^2}\right)^2$ **Question 3**Simplify $\frac{6(y^4)^5}{12y^4y^5}$ **Question 7**Simplify $(3a)^{-2}$ **Question 4**Simplify $(-243)^{-2/5}$ **Question 8**Simplify $\left(\frac{2}{r^2}\right)^{-3}$

Question 9

Simplify $(3y^2t)^2 \div (3yt^2)^{-2}$

Question 14

Simplify $(2xy^3)^{-3} \times 6x^3y^2$

Question 10

Simplify $\left(\frac{81y^8}{16x^4}\right)^{\frac{3}{4}}$ using: $\left(a^{\frac{1}{n}}\right)^m = \left(a^m\right)^{\frac{1}{n}} =$

Question 15

Simplify $\sqrt[5]{\frac{x^{10}}{32y^{25}}}$

Question 11

Simplify $a^4b^2 \times a^2b^2$

Question 16

Simplify $\left(\frac{27a^9}{125b^3}\right)^{\frac{2}{3}}$

Question 12

Simplify $3m^8n^3 \div (3m^8n^3)^0$

Question 17

Evaluate $\frac{2}{4^{-2}} = 2 \times 4^2$

Question 13

Simplify $\left(\frac{32x^{10}}{y^5}\right)^{\frac{3}{5}}$