

YOU & MATHS Possible equalities Which of the following expressions equals $\frac{x^3}{x^{21}}$?

A x^7

B $\frac{1}{x^7}$

C $\frac{1}{x^{18}}$

D x^{-7}

E x^{24}

F $\frac{1}{x^{-18}}$

$$\frac{x^3}{x^{21}} = x^3 : x^{21} = x^{-18} = \frac{1}{x^{18}}$$

The correct answer is C.