

Understand negative whole-number exponents. Multiply and divide expressions involving exponents with a common base. 7NS2.1

19. Which number equals $(2)^{-4}$?

A -8

B $-\frac{1}{16}$

C $\frac{1}{16}$

D $\frac{1}{8}$

20. $\frac{10^{-2}}{10^{-4}} =$

A 10^{-6}

B 10^{-2}

C 10^2

D 10^8

21. Which of the following is equivalent to $7^{-6} \cdot 7^4$?

A 7^{-24}

B 7^{-10}

C 7^{-2}

D 7^2