

**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  $7^2$