

Simplify.

(1) $a^x \times a =$

(2) $2^3 \times 2^{-3} =$

(3) $y^a + y^b =$

(4) $x^2(x^3)^2 =$

(5) $\frac{x^6}{x^{-1}} =$

(6) $\frac{x^{1+a}}{x^{1-a}} =$

(7) $3 \times 3^{-2} =$

(8) $2^{-1} + 2^{-1} =$

(9) $\left(\frac{3}{2}\right)^{-2} =$

(10) $a^{-1}b^{-1} =$