

$$14. (2x^3 + 4)^{-6}(2x^3 + 4)^4 = (2x^3 + 4)^{-6+4} = (2x^3 + 4)^{-2} = \frac{1}{(2x^3 + 4)^2}$$

$$15. ((x-8)^3)^{-1} = \frac{1}{(x-8)^3}$$

$$16. \left(\frac{x+7}{2x-3}\right)^{-1} = \frac{2x-3}{x+7}$$