Exponents: Worksheet -3

1. In x^a, a is called _ _ _ _ _ and x is called _ _ _ _ _ _

2. If $x \neq 0$, then x^{-1} = _ _ _ _ _ _ _ _

3. a^0 = _ _ _ _ _ _ _where 'a' is _ _ _ _ _ _ _

4. $4x^3 \times 3x^2 \times 2x$ = _ _ _ _ _ _ _

5. $\left(2^3\right)^4$ = _ _ _ _ _ _ _

6. 2^{3^4} = _ _ _ _ _ _ _

7. $\sqrt{a} \ \times \ \sqrt{a}$ = _ _ _ _ _ _ _

8. $x^m \times x^n \times x^p$ = _ _ _ _ _ _ _ _

9. $\left(x^a \times x^b\right) \div x^c$ = _ _ _ _ _ _ _

10. $\dfrac{x^4 \times x^3}{(x^4)^2}$ = _ _ _ _ _ _ _