Exponents: Worksheet -1

1. Express each of the following rational numbers in power notation:

(*a*). $\dfrac{9}{25}$ =

(*b*). $\dfrac{-1}{125}$ =

(*c*). 0.0000000564 =

(*d*). 0.0000021 =

2. For each term state the coefficient, the base and the exponent. Then write the term in the expanded form.

(i) $3x^5$ Coefficient=   Base =   Exponent =

(ii) $(4x)^7$ Coefficient=   Base =   Exponent =

(iii) $4a^3$ Coefficient=   Base =   Exponent =

(iv) $(3xy)^3$ Coefficient=   Base =   Exponent =

(v) $(a - b)^3$ Coefficient=   Base =   Exponent =