Name : _____

T2S1

Base and Exponent

A) Identify the base and exponent in each of the following.

1) $\left(\frac{a}{3}\right)^{-3}$ 2) $(-11.6)^{-2}$ 3) $\left(-\frac{9}{7}\right)^{5}$

Base = _____ Base = _____ Base = _____

Exponent = _____ Exponent = _____ Exponent = _____

4) $(-t)^{8}$ 5) $\left(\frac{1}{4}\right)^{-6}$ 6) $(x+7)^{4}$

Base = _____ Base = _____

Exponent = _____ xponent = _____

B) Write the numerals in ponent.

S.No	Bas	xponential Form
1)	$\frac{8}{5}$	
2)	-1	
3)	$-\frac{t}{7}$	
4)	$-7.$	

C) 1) Which of the following has 6 as the exponent?

i) $\left(\frac{5}{6}\right)^{7}$ ii) $\left(\frac{v}{3}\right)^{6}$ iii) $(v+5)^{-7}$ iv) 6^{-9}

2) Which of the following has $\frac{b}{2}$ as the base?

i) $\left(\frac{b}{5}\right)^{-3}$ ii) b^{2} iii) $\left(\frac{3}{2}\right)^{4}$ iv) $\left(\frac{b}{2}\right)^{-8}$