Base and Exponent

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

1) $\left(-\dfrac{2}{7}\right)^{8}$

Base = _____

Exponent = _____

2) 17^{-6}

Base = _____

Exponent = _____

3) $(-4)^{2}$

Base = _____

Exponent = _____

4) $(-19.3)^{-4}$

Base = _____

Exponent = _____

5) $\left(\dfrac{9}{8}\right)^{0}$

6) $\left(-\dfrac{7}{6}\right)^{5}$

Base = _____

xponent = _____

B) Write the numerals in   ponent.

S.No	Bas			xponential Form
1)	$-\frac{4}{3}$			
2)	$\frac{1}{2}$			
3)	16.			
4)	3			

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C) 1) Which of the following has 3 as the exponent?

i) $\left(\dfrac{8}{3}\right)^{-8}$

ii) $\left(\dfrac{7}{9}\right)^{3}$

iii) $(3.2)^{-6}$

iv) $\left(-\dfrac{5}{4}\right)^{-7}$

2) Which of the following has 10 as the base?

i) 10^{-1}

ii) $\left(\dfrac{1}{4}\right)^{7}$

iii) $(-2)^{0}$

iv) $\left(\dfrac{5}{7}\right)^{-9}$