form and evaluate.  
2) 
$$(-1)^{4}$$
  
 $=(-1)(-1)(-1)(-4)$   
 $=256$ 

$$4) (0.5)^{3}$$
 $= (\frac{1}{2})^{3}$ 

$$\frac{3^{3}, 3^{5}}{3 \cdot 3^{3}}$$
 $\frac{3^{3}}{3^{7}}$ 
 $\frac{3^{7}}{3^{4}}$ 

$$\begin{array}{c}
(-4)^{3}(-4)^{2} \\
(-4)^{3} \\
= (-4)^{7} \\
\hline
(-4)^{3} \\
= (-4)^{4} \\
- 4)^{4}
\end{array}$$

$$7) \left(\chi^{3}\right)^{5}$$

$$= \chi^{15}$$

$$\begin{array}{c}
8 \\
3^{23} \cdot (3^{4})^{5} \\
3^{5} \\
3^{6} \\
3^{6} \\
3^{6} \\
3^{6}
\end{array}$$

$$\begin{array}{c}
(28\chi^{4})^{3} \\
-(2^{5}\chi)^{3}(2^{8}\chi^{3})^{2} \\
(2^{7}\chi^{4})^{3} \\
-(2^{7}\chi^{4})^{3} \\
-(2^{7}\chi^{4$$

$$(15)^{3}(15)$$

$$= (1)$$

$$13) 2^{-3}$$
=  $1$ 

$$\begin{array}{c}
(4) -5^{-2} \\
 = -\frac{1}{5^2} = -\frac{1}{25}
\end{array}$$

$$\begin{array}{ccc}
17) & 1 & 1 & 1 \\
\chi^{-5} & & & \\
& = \chi^{-10} & \\
& & & \chi^{-5} & \\
& = \chi$$

Exponents Practice