

**Practice - Exponents 2**

1) Write each as a single power. Then, evaluate each power.

a)  $(3^3)^5$

b)  $\left[(-2)^2\right]^2$

c)  $(6^4)^2$

d)  $\left((-5)^5\right)^3$

2) Write each as a single power. Then, evaluate each power.

a)  $\left(\frac{2}{3}\right)^4$

b)  $\left(-\frac{1}{5}\right)^3$

c)  $\left(\frac{9}{6}\right)^2$

d)  $\left(-\frac{5}{3}\right)^6$

3) Write each as a single power. Then, evaluate each power.

a)  $(3 \times 5)^3$

b)  $[4 \cdot (-2)]^4$

c)  $(6 \cdot 10)^2$

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a)  $(3 \times 5)^3$

b)  $[4 \cdot (-2)]^4$

c)  $(6 \cdot 10)^2$

3) Evaluate each power.

a)  $9^0$

b)  $(-13)^0$

c)  $1,234,567^0$

Review of Power Laws &amp; Zero Law:

