

Name _____

Use the rules of exponents to simplify. For # 3 and 4, you may leave your answer in Exponential form.

1) $9^0 = \underline{\hspace{2cm}}$

2) $13^1 = \underline{\hspace{2cm}}$

3) $8^5 \bullet 8^4 = \underline{\hspace{2cm}}$

4) $(2^3)^6 = \underline{\hspace{2cm}}$

5) $(2 \bullet 5)^3 = \underline{\hspace{2cm}}$

6) $\left(\frac{2}{5}\right)^3 = \underline{\hspace{2cm}}$

7) $\frac{3^{22}}{3^{17}} = \underline{\hspace{2cm}}$

8) $4^{-3} = \underline{\hspace{2cm}}$