Linear Vs Exponential Growth

Solve for x. Show your work.

1. $(4^3)^3$

2. $(3^3)^1$

3. $(5^3)^1$

4. $(2^4)^3$

5. $(5^2)^3$

6. $(4^4)^3$

7. $(3^2)^3$

8. $(4^2)^1$

Linear Vs Exponential Growth - Answer Key

1. $(4^3)^3$

   262144

2. $(3^3)^1$

   27

3. $(5^3)^1$

   125

4. $(2^4)^3$

   4096

5. $(5^2)^3$

   15625

6. $(4^4)^3$

   16777216

7. $(3^2)^3$

   729

8. $(4^2)^1$

   16