Advanced Algebra

Unit 3: Exponential, Power and Log Functions- **Assignment #9**

Learning target: I can write the equation of a curve in the form $y = a*b^x$ given 2 points on the curve.

Find the equation that contains the following points if the given point are on the curve $y = a*b^x$

1) (-4,324) and (3, .14815)

2) (-2, .125) and (3,128)

3) (-1, .06667) and (4,208.33)

4) (-2, .75) and (3, 24)