On matching series, the same answer may be used 0, 1, or more times.

1. You count 174 colonies on your 1:100 diluted milk plate. How many colonies does this represent in the origin sample? A. 174 x 10 ¹⁰⁰ / ml B. 174,000,000/ml C. 17, 400/ml D. 174/ml		
2.	What is the name for the type of tube we used to detect the production of gas by a culture?	
3. 4.	egarding our pGLO transformation experiment: Our pGLO transformation included a resistance gene against this substance. This prevented growth of untransformed bacteria. This triggered the expression of GFP in transformed cells.	Key for # 3 – 5: A. UV light B. streptomycin C. lactose D. arabinose E. ampicillin
Re	egarding our water tests:	
3.	What is the appearance of a positive lactose broth?	
7.	What is the appearance of fecal coliform colonies on EMB agar?	
$R\epsilon$	egarding our HIV and ELISA exercise:	
8.	In our indirect ELISA, this substance was adhered to the bottom of the wells on the microtiter plate.	Key for # 8 – 11: A. substrate / chromogen B. HIV antigen C. HIV antibody
9.	Our indirect ELISA was meant to detect this substance.	D. enzyme E. antibody to HIV antibody
	Our indirect ELISA was meant to detect this substance. This substance converted a substrate to a new, visible form.	D. enzyme E. antibody to HIV antibody