

L13.2 – insect colony

Graph each colony using different colors.

Name _____

Date _____ B _____

Colony 1

$$f(t) = 10 \cdot (1.05)^t$$

$$g(t) = 10 \cdot e^{(0.05t)}$$

Colony 2

$$k(t) = 10 \cdot (1.03)^t$$

$$l(t) = 10 \cdot e^{(0.03t)}$$

Colony 3

$$p(t) = 10 \cdot (1.01)^t$$

$$q(t) = 10 \cdot e^{(0.01t)}$$

Colony 4

$$v(t) = 10 \cdot (1.005)^t$$

$$w(t) = 10 \cdot e^{(0.005t)}$$

