

The Earth, as a habitat for animal life, is in old age and has a fatal illness. Several, in fact. It would be happening whether humans had ever evolved or not. But our presence is like the effect of an old-age patient who smokes many packs of cigarettes per day—and we humans are the cigarettes.

$$1. \quad \begin{array}{ll} \text{a.) } 6\left(x - \frac{5}{12}\right)^2 - \frac{1}{24} & \text{b.) } 3\left(x - \frac{1}{3}\right)^2 + \frac{1}{3} \\ \text{c.) } 7\left(x + \frac{5}{14}\right)^2 + \frac{199}{28} & \text{d.) } \frac{1}{2}(x + 2)^2 + \frac{9}{2} \end{array}$$

The Earth, as a habitat for animal life, is in old age and has a fatal illness. Several, in fact. It would be happening whether humans had ever evolved or not. But our presence is like the effect of an old-age patient who smokes many packs of cigarettes per day—and we humans are the cigarettes.