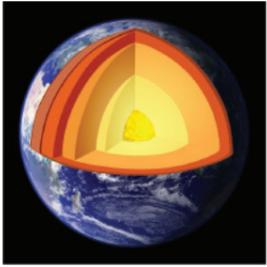
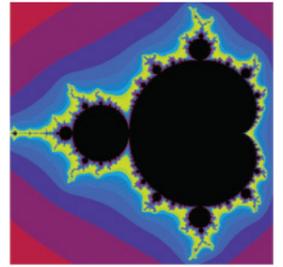




INTERNATIONAL DAY OF
MATHEMATICS
MARCH 14

$$f_{a,\sigma^2}(\xi_1) = \frac{(\xi_1 - a)}{\sigma^2} f_{a,\sigma^2}(\xi_1) - \frac{1}{\sqrt{2\pi\sigma^2}}$$
$$\frac{\partial}{\partial \theta} f(x, \theta) dx = M \left(\tau(\xi) \frac{\partial}{\partial \theta} \ln L(\xi, \theta) \right)$$
$$\left(\frac{\partial}{\partial \theta} \ln L(x, \theta) \right) \cdot f(x, \theta) dx = \int \tau(\xi) \left(\frac{\partial}{\partial \theta} f(x, \theta) \right) dx$$
$$\tau(\xi) = \frac{\partial}{\partial \theta} \int \tau(x) f(x, \theta) dx = \int \frac{\partial}{\partial \theta} \tau(x) f(x, \theta) dx$$



**MATHEMATICS
IS EVERYWHERE**

