fraction $\frac{N-a^m}{ma^{m-1}}$, (by which substitution the said quadratick equation would be converted into the following simple equation, $a^m + ma^{m-1}z + m \times \frac{m-1}{2} \times a^{m-2}z \times \sqrt{\frac{N-a^m}{ma^{m-1}}} = N$,) and then resolving the simple equation thence resulting, to wit, the simple equation $a^m + ma^{m-1}z + m \times \frac{m-1}{2} \times a^{m-2}z \times \frac{N-a^m}{ma^{m-1}} = N$, or $ma^{m-1}z + m \times \frac{m-1}{2} \times a^{m-2}z \times \frac{N-a^m}{ma^{m-1}} \times z = N-a^m$, or $z \times ma^{m-1}z + m \times \frac{m-1}{2} \times a^{m-2}z \times \frac{N-a^m}{ma^{m-1}} \times z = N-a^m$, in the usual way, or by the single operation of Division, which would give us z (=