Antiderivative Samples with SimBraille

1. Capital $f$ of $x$ equals nine $x$ minus four is written
   \[ F(x) = 9x - 4 \]

2. Capital $f$ of $b$ minus capital $f$ of $a$ is written
   \[ F(b) - F(a) \]

3. Capital $g$ of four minus capital $g$ of negative three is written
   \[ G(4) - G(-3) \]

4. The integral of $f$ of $x$ $dx$ equals capital $f$ of $x$ plus capital $c$ is written
   \[ \int x f(x) dx = F(x) + C \]

5. The integral from $a$ to $b$ of $f$ of $x$ $dx$ equals capital $f$ of $b$ minus capital $f$ of $a$ is written
   \[ \int_a^b f(x) dx = F(b) - F(a) \]