



$$1 \quad \textcircled{1} \quad y = 4E \left(\left(\frac{R}{r} \right)^{12} - \left(\frac{R}{r} \right)^6 \right) + E$$

$$2 \quad \textcircled{2} \quad R = 1$$

$$3 \quad \textcircled{3} \quad E = 1$$

$$4 \quad \textcircled{4} \quad y = 4E \left(\left(\frac{R}{r} \right)^{12} - \left(\frac{R}{r} \right)^6 \right) - 1.5$$

$$5 \quad \textcircled{5} \quad y = 2.5 \cdot 4E \left(\left(\frac{R}{r} \right)^{12} - \left(\frac{R}{r} \right)^6 \right)$$

