

习题 8.4

2. $y = x(1 - 4\ln x)$.

3. 大约还需 8 分钟达到 20°C .

4. 当 $t = 60(\text{s})$ 时, $v = \sqrt{20 \times 60^2 + 500} = 269.3 \text{ (cm/2)}$.

5. $r\sin\left(\frac{\pi}{6} \pm \theta\right) = 1$.

6. $y = ae^{-\frac{\rho}{2p}(x-h)}$.