$$\begin{aligned} d^2 &= 4^2 \\ &= 16 \end{aligned}$$

$$\begin{aligned} \Delta\left(d^2\right) &= \left| d^2 \cdot 2 \cdot \frac{\Delta\left(d\right)}{d} \right| \\ &= \left|16 \cdot 2 \cdot 0.175\right| \\ &= 5.6 \end{aligned}$$

$$\therefore d^2 = 16 \pm 5.6$$

$$\begin{aligned} 6 \cdot d^2 &= 6 \cdot 16 \\ &= 96 \end{aligned}$$

$$\begin{aligned} \Delta\left(6 \cdot d^2\right) &= \left| 6 \cdot d^2 \cdot \frac{\Delta\left(d^2\right)}{d^2} \right| \\ &= \left|96 \cdot 0.35\right| \\ &= 33.6 \end{aligned}$$

$$\therefore 6 \cdot d^2 = 96 \pm 33.6$$

$$\begin{aligned} a + 6 \cdot d^2 &= 5 + 96 \\ &= 101 \end{aligned}$$

$$\begin{aligned} \Delta\left(a + 6 \cdot d^2\right) &= \sqrt{\Delta\left(a\right)^2 + \Delta\left(6 \cdot d^2\right)^2} \\ &= \sqrt{0.25^2 + 33.6^2} \\ &= 33.60093 \end{aligned}$$

$$\therefore a + 6 \cdot d^2 = 101 \pm 33.60093$$

$$\begin{aligned} log_{10}\left(a + 6 \cdot d^2\right) &= log_{10}\left(101\right) \\ &= 2.00432 \end{aligned}$$

$$\begin{aligned} \Delta\left(log_{10}\left(a + 6 \cdot d^2\right)\right) &= \left| \frac{\Delta\left(a + 6 \cdot d^2\right)}{a + 6 \cdot d^2 \cdot ln\left(10\right)} \right| \\ &= \left| \frac{33.60093}{101 \cdot 2.30259} \right| \\ &= 0.14448 \end{aligned}$$

$$\therefore log_{10}\left(a + 6 \cdot d^2\right) = 2.00432 \pm 0.14448$$

$$\begin{aligned} b + log_{10}\left(a + 6 \cdot d^2\right) &= 2 + 2.00432 \\ &= 4.00432 \end{aligned}$$

$$\begin{aligned} \Delta\left(b + log_{10}\left(a + 6 \cdot d^2\right)\right) &= \sqrt{\Delta\left(b\right)^2 + \Delta\left(log_{10}\left(a + 6 \cdot d^2\right)\right)^2} \\ &= \sqrt{0.5^2 + 0.14448^2} \\ &= 0.52046 \end{aligned}$$

$$\therefore b + log_{10}\left(a + 6 \cdot d^2\right) = 4.00432 \pm 0.52046$$

$$\begin{aligned} b + log_{10}\left(a + 6 \cdot d^2\right) \cdot 5 &= 4.00432 \cdot 5 \\ &= 20.02161 \end{aligned}$$

$$\begin{aligned} \Delta\left(b + log_{10}\left(a + 6 \cdot d^2\right) \cdot 5\right) &= \left| b + log_{10}\left(a + 6 \cdot d^2\right) \cdot 5 \cdot \frac{\Delta\left(b + log_{10}\left(a + 6 \cdot d^2\right)\right)}{b + log_{10}\left(a + 6 \cdot d^2\right)} \right| \\ &= |20.02161 \cdot 0.12997| \\ &= 2.60228 \end{aligned}$$

$$\therefore b + log_{10}\left(a + 6 \cdot d^2\right) \cdot 5 = 20.02161 \pm 2.60228$$

$$\begin{aligned} \frac{1}{b + log_{10}\left(a + 6 \cdot d^2\right) \cdot 5} &= \frac{1}{20.02161} \\ &= 0.04995 \end{aligned}$$

$$\begin{aligned} \Delta\left(\frac{1}{b + log_{10}\left(a + 6 \cdot d^2\right) \cdot 5}\right) &= \left| \frac{1}{b + log_{10}\left(a + 6 \cdot d^2\right) \cdot 5} \cdot \frac{\Delta\left(b + log_{10}\left(a + 6 \cdot d^2\right) \cdot 5\right)}{b + log_{10}\left(a + 6 \cdot d^2\right) \cdot 5} \right| \\ &= |0.04995 \cdot 0.12997| \\ &= 0.00649 \end{aligned}$$

$$\therefore \frac{1}{b + log_{10}\left(a + 6 \cdot d^2\right) \cdot 5} = 0.04995 \pm 0.00649$$

$$\begin{aligned} \frac{1}{b + log_{10}\left(a + 6 \cdot d^2\right) \cdot 5} &= \frac{1}{20.02161} \\ &= 0.04995 \end{aligned}$$

$$\begin{aligned} \Delta\left(\frac{1}{b + log_{10}\left(a + 6 \cdot d^2\right) \cdot 5}\right) &= \left| \frac{1}{b + log_{10}\left(a + 6 \cdot d^2\right) \cdot 5} \cdot \frac{\Delta\left(b + log_{10}\left(a + 6 \cdot d^2\right) \cdot 5\right)}{b + log_{10}\left(a + 6 \cdot d^2\right) \cdot 5} \right| \\ &= |0.04995 \cdot 0.12997| \\ &= 0.00649 \end{aligned}$$

$$\therefore \frac{1}{b + log_{10}\left(a + 6 \cdot d^2\right) \cdot 5} = 0.04995 \pm 0.00649$$