

SOLUÇÕES

CADERNO 1

1. (C) $\rightarrow 6,32$

2. $3,22 \times 10^6$ hectares

3. (D) $\rightarrow 74,5$

4. 4.1. (A) $\rightarrow KM$

4.2. altura da torre = $\overline{AF} \approx 6,6m$

5. 5.1. $V_{cisterna} \approx 25,3m^3$

5.2. $\overline{AC} \approx 6,8m$

6. $\frac{17}{49}$ e $\sqrt[3]{125}$

CADERNO 2

7. 7.1. $p = \frac{1}{6}$

7.2. $p = \frac{1}{5}$

8. 8.1. $90m$

8.2. (C) $\rightarrow \frac{2}{5}$

9. $S = \left] -\frac{18}{11}, +\infty \right[$

10. $S = \left\{ \frac{1}{5}, \frac{1}{4} \right\}$

11. 11.1. (A) $\rightarrow \overline{BG}$

11.2. (B) $\rightarrow x^2 - 10x + 25$

12. 331 círculos

13. 8€

14. $P_{\circ} = 30cm$

15. $\begin{cases} x + y = 28 \\ x = 2y + 4 \end{cases}$

16. $A_{[DEFG]} = 2a^2$