



الشكل ١٧,٦: حجوم الحفر والردم

حساب حجم الردم :

$${}^3\text{م } 185 = \left(\frac{0 + 0.40 + 0.20 + 0.4}{4} \right) \times 20 \times 37 = (i) V$$

$${}^3\text{م } 83.25 = \left(\frac{0.2 + 0.40 + 0 + 0}{4} \right) \times \left(\frac{10 + 20}{2} \right) \times 37 = (ب) V$$

$${}^3\text{م } 12.83 = \left(\frac{0.20 + 0 + 0}{3} \right) \times \frac{10}{2} \times 37 = (ج) V$$

$${}^3\text{م } 83.25 = \left(\frac{0.4 + 0.20 + 0 + 0}{4} \right) \times \left(\frac{10 + 20}{2} \right) \times 37 = (د) V$$

$${}^3\text{م } 55.5 = \left(\frac{0.2 + 0.40 + 0 + 0}{4} \right) \times 10 \times 37 = (هـ) V$$

$${}^3\text{م } 27.75 = \left(\frac{0.2 + 0 + 0 + 0}{4} \right) \times \left(\frac{10 + 20}{2} \right) \times 37 = (و) V$$

$$(و) V + (هـ) V + (د) V + (ج) V + (ب) V + (i) V = \text{حجم الردم}$$

$$27.75 + 55.50 + 83.25 + 12.33 + 83.25 + 185 = \text{حجم الردم}$$

$${}^3\text{م } 447.08 = \text{حجم الردم}$$