



$$S_b = 803,84 \text{ cm}^2 \quad \text{D}$$

$$S_l = \frac{7}{4} S_b \quad \text{Sk}$$

$$S_b = 803,84 : 3,14 = 256 \pi \text{ cm}^2$$

$$S_l = S_b : 4 \cdot 7 = 256 \pi : 4 \cdot 7 = 64 \pi \cdot 7 = 448 \pi \text{ cm}^2$$

$$OA = \sqrt{\frac{S_b}{\pi}} = \sqrt{\frac{256 \pi}{\pi}} = 16 \text{ cm}$$

$$Z_{pb} = 2 \cdot OA \cdot \pi = 2 \cdot 16 \pi = 32 \pi \text{ cm}$$

$$AA' = \frac{S_l}{Z_{pb}} = \frac{448 \pi}{32 \pi} = 14 \text{ cm}$$

$$S_T = S_L + 2S_b = 448\pi + 2 \cdot 256\pi =$$

$$= 448\pi + 512\pi = 960\pi \text{ cm}^2$$

$$V = S_b \cdot AA' = 256\pi \cdot 14 = 3584\pi \text{ cm}^3$$

$$P = V \cdot \rho_s = 3584 \cdot 3,14 \cdot 7,5 = 112537,68$$

$$= 11,3 \quad 0,1$$

$$= 11,25 \quad 0,01$$

$$\begin{aligned}
& \frac{1}{6}e^3x + \left\{ \left[-2e^2x \left(\frac{1}{4}a - \frac{1}{2}b + x \right) + \frac{1}{3}ex \left(e^2 + \frac{3}{4}eb - \right. \right. \right. \\
& \quad \left. \left. \left. - 3ax \right) \right] + 3ax \left(ax + \frac{1}{4}eb \right) \right\} = \\
& -\frac{1}{6}e^3x + \left\{ \left[-\frac{1}{2}e^3x + e^2bx - 2e^2x^2 + \frac{1}{3}e^3x + \frac{1}{4}e^2bx - \right. \right. \\
& \quad \left. \left. - e^2x^2 \right] + 3e^2x + \frac{3}{4}e^2bx \right\} = \\
& -\frac{1}{6}e^3x - \frac{1}{2}e^3x + \frac{e^2bx}{4} - 2e^2x^2 + \frac{1}{3}e^3x + \\
& \quad + \frac{1}{4}e^2bx - e^2x + 3e^2x + \frac{3}{4}e^2bx = \\
& = \left(\frac{+1-3+2}{6} \right) e^3x + \left(\frac{+4+1+3}{4} \right) e^2bx + \\
& \quad + \left(\frac{-2-1+3}{1} \right) e^2x^2 = \frac{8}{4}e^2bx
\end{aligned}$$

$$\left(\frac{3}{5}e^3b^4 - \frac{3}{4}e^4b^6\right) : \left(\frac{9}{10}e^5b^4\right) =$$

$$= + \frac{\cancel{3}^1}{\cancel{5}^2} \cdot \frac{\cancel{10}^2}{\cancel{3}^3} e^{-2} - \frac{\cancel{3}^1}{\cancel{4}^2} \cdot \frac{\cancel{10}^5}{\cancel{9}^3} e^{-1} b^2 =$$

$$= + \frac{2}{3}e^2 - \frac{5}{6}\frac{b^2}{e}$$

$(a+b)^2$ QUADRATO DEL BINOMIO

$$(a+b)(a+b) = a^2 + ab + ab + b^2 =$$

$$= a^2 + 2ab + b^2$$

↑
QUADRATO
DEL 1°
TERMINE

↑
DOPPIO
PRODOTTO
DEL 1°
TERMINE
PER IL
2°

↑
QUADRATO
DEL 2°
TERMINE

+

~~+~~

+

$$(5a^2 + 3b)^2$$

QUADRATO
1° TERM

DOPIO
PRODOTTO...

QUADRATO
2° TERM

$$= +25a^4 + \underline{2} \cdot 5a^2 \cdot 3b + 9b^2$$

$$= +25a^4 + 30a^2b + 9b^2$$

$$(6a^2b + 7ab^3)^2 =$$

$$= +36a^4b^2 + 2 \cdot 6a^2b \cdot 7ab^3 + 49a^2b^6$$

$$= 36a^4b^2 + 84a^3b^4 + 49a^2b^6$$

$$\left(\frac{2}{5}a^2 - \frac{1}{2}b^3\right)^2$$

$$= +\frac{4}{25}a^4 - 2 \cdot \frac{2}{5}a^2 \cdot \frac{1}{2}b^3 + \frac{1}{4}b^6$$

$$= +\frac{4}{25}a^4 - \frac{2}{5}a^2b^3 + \frac{1}{4}b^6$$