

N204 P. 465


$x = \text{N DA TROVARE}$

$(x \cdot 4) - \frac{1}{3}x = 22$

$4x - \frac{1}{3}x = 22$

$3 \cdot \frac{12x - x}{3} = \frac{66}{3} \cdot 3^1$

$\frac{11x}{11} = \frac{66}{11} \quad x = 6$



gen 11-10:20

N269 P. 769

Somma lunghezza = 78 dm

$x = \text{segmento pi\u00f9 piccolo}$

$2x = \text{segmento pi\u00f9 grande}$

$\frac{4}{3}x = \text{terzo segmento}$


$x + 2x + \frac{4}{3}x = 78$

$3 \cdot \frac{3x + 6x + 4x}{3} = \frac{234}{3} \cdot 3^1$

$\frac{13x}{13} = \frac{234}{13} \quad x = 18 \text{ dm}$


$\frac{4}{3} \cdot 18 = 24 \text{ dm}$

$2 \cdot 18 = 36 \text{ dm}$



gen 11-10:27

233 P. 462



$D + d = 84 \text{ cm}$

$d = \frac{5}{12} D = 16 \text{ cm}$

$x - \frac{5}{12}(84 - x) = 16$

$x - \frac{5 \cdot 84}{12} + \frac{5x}{12} = 16$

$12x - 420 + 5x = 192$

$17x = 612$

$x = 36$

$d = 30$

$D = 84 - 30 = 54$


$A = \frac{D \cdot d}{2} = \frac{54 \cdot 30}{2} = 810 \text{ cm}^2$

$l = \sqrt{(\frac{D}{2})^2 + (\frac{d}{2})^2} = \sqrt{27^2 + 15^2} = \sqrt{900} = 30$

$P = 30 \cdot 4 = 120$

gen 11-10:38

234 P. 470



$D = 408 \text{ cm}$

$h = \frac{4}{5}a$

$h + a = 49 \text{ cm}$

$A = ?$

$a = x$

$h = \frac{4}{5}x$

$x + \frac{4}{5}x = 49$


$3 \cdot \frac{5x + 4x}{3} = \frac{147}{3} \cdot 3$

$9x = 147$

$x = 16.33$

$h = 13.07$

$21 = 28$



$P = 108 \text{ cm}$

$\sqrt{28^2 + 21^2} = \sqrt{784 + 441} = \sqrt{1225} = 35$

$28 + 35 + 21 + 2x = 108$

$2x = 28 + 35 + 21 + 108$

$2x = 192$

$x = 96$

$A = \frac{(35 + 12) \cdot 28}{2} = 630 \text{ cm}$

gen 11-10:57