

Esercizi svolti:

15 maggio

Operazioni con numeri decimali.

$$1) 5,4 : 2 + 13,3 = 2,7 + 13,3 = 26$$

$$\begin{array}{r} \overline{5,4} : 2 \\ 1,4 \quad 2,7 \\ 0 \end{array}$$

$$\begin{array}{r} 2,7 + \\ 13,3 = \\ \hline 26,0 \end{array}$$

$$2) 6,9 \times 3,8 - 5,4 = 26,22 - 5,4 = 20,82$$

$$\begin{array}{r} 6,9 \times \\ 3,8 = \\ \hline 552 \\ 207 \cdot \\ \hline 26,22 \end{array}$$

$$\begin{array}{r} 5 \\ 26,22 - \\ 5,4 = \\ \hline 20,82 \end{array}$$

$$3) 2,5 \times 6,1 - 4,8 : 3 = 15,25 - 1,6 = 13,65$$

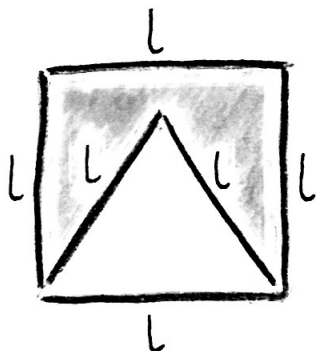
$$\begin{array}{r} 2,5 \times \\ 6,1 = \\ \hline 25 \\ 150 \cdot \\ \hline 15,25 \end{array}$$

$$\begin{array}{r} \overline{4,8} : 3 \\ 1,6 \\ 0 \end{array}$$

$$\begin{array}{r} 4 \\ 15,25 - \\ 1,6 = \\ \hline 13,65 \end{array}$$

Problema.

Dati,



$$l = 21 \text{ cm}$$

$$P(\text{torta intera}) = l \times h$$

$$P(\text{torta rimasta}) = l \times 5$$

Calcoli

$$P = 21 \times 4 = 84 \text{ cm}$$

$$P(\text{torta rimasta}) = 21 \times 5 = 105 \text{ cm}$$

$$\frac{21 \times}{4} =$$

$$\frac{21 \times}{5} =$$

Risposte

Il perimetro della torta misura 84 cm.

Tolta la fetta il nuovo perimetro misura 105 cm.

Mínimo comum múltiplos.

1) m.c.m. (32, 48, 36) = ?

$$\begin{array}{r|l} 32 & 2 \\ 16 & 2 \\ 8 & 2 \\ 4 & 2 \\ 2 & 2 \\ 1 & \end{array}$$

$$\begin{array}{r|l} 48 & 2 \\ 24 & 2 \\ 12 & 2 \\ 6 & 2 \\ 3 & 3 \\ 1 & \end{array}$$

$$\begin{array}{r|l} 36 & 2 \\ 18 & 2 \\ 9 & 3 \\ 3 & 3 \\ 1 & \end{array}$$

$$32 = 2 \times 2 \times 2 \times 2 \times 2$$

$$36 = 2 \times 2 \times 3 \times 3$$

$$48 = 2 \times 2 \times 2 \times 2 \times 3$$

$$\text{m.c.m. (32, 48, 36)} = 2 \times 2 \times 2 \times 2 \times 2 \times 3 \times 3 = \underline{288}$$

Sim, aqui há o valor
a mente

$$\begin{array}{r} 96 \times \\ 3 = \\ \hline 288 \end{array}$$

2) m.c.m. (300, 315) = ?

$$\begin{array}{r|l} 300 & 2 \\ 150 & 2 \\ 75 & 3 \\ 25 & 5 \\ 5 & 5 \\ 1 & \end{array}$$

$$\begin{array}{r|l} 315 & 3 \\ 105 & 3 \\ 35 & 5 \\ 7 & 7 \\ 1 & \end{array}$$

$$300 = 2 \times 2 \times 3 \times 5 \times 5$$

$$315 = 3 \times 3 \times 5 \times 7$$

$$\text{m.c.m. (300, 315)} = 2 \times 2 \times 3 \times 3 \times 5 \times 5 \times 7 = \underline{6300}$$

$$\begin{array}{r} 36 \times \\ 5 = \\ \hline 180 \end{array}$$

$$\begin{array}{r} 180 \times \\ 5 = \\ \hline 900 \end{array}$$

$$\begin{array}{r} 900 \times \\ 7 = \\ \hline 6300 \end{array}$$

3) m.c.m. (324, 288, 432, 216) = ?

$$\begin{array}{r|l} 324 & 2 \\ 162 & 2 \\ 81 & 3 \\ 27 & 3 \\ 9 & 3 \\ 3 & 3 \\ 1 & \end{array}$$

$$\begin{array}{r|l} 288 & 2 \\ 144 & 2 \\ 72 & 2 \\ 36 & 2 \\ 18 & 2 \\ 9 & 3 \\ 3 & 3 \\ 1 & \end{array}$$

$$\begin{array}{r|l} 432 & 2 \\ 216 & 2 \\ 108 & 2 \\ 54 & 2 \\ 27 & 3 \\ 9 & 3 \\ 3 & 3 \\ 1 & \end{array}$$

$$\begin{array}{r|l} 216 & 2 \\ 108 & 2 \\ 54 & 2 \\ 27 & 3 \\ 9 & 3 \\ 3 & 3 \\ 1 & \end{array}$$

$$324 = 2 \times 2 \times \overbrace{3 \times 3 \times 3 \times 3}$$

$$432 = 2 \times 2 \times 2 \times 2 \times 3 \times 3 \times 3$$

$$288 = \underbrace{2 \times 2 \times 2 \times 2 \times 2}_{\text{scelgo i fattori comuni più numerosi...}} \times 3 \times 3$$

$$216 = 2 \times 2 \times 2 \times 3 \times 3 \times 3$$

scelgo i fattori comuni più numerosi...

$$\text{m.c.m.}(324, 288, 432, 216) = \underbrace{2 \times 2 \times 2 \times 2 \times 2 \times 3 \times 3 \times 3}_{\text{calcolo a mente}} = \underline{2592}$$

$$\begin{array}{r} 96 \times \\ 3 = \\ \hline 288 \end{array}$$

$$\begin{array}{r} 288 \times \\ 3 = \\ \hline 864 \end{array}$$

$$\begin{array}{r} 864 \times \\ 3 = \\ \hline 2592 \end{array}$$

Cari bambini, vi auguro un
bel fine settimana!