

I. b.1

$$-(N+1)+3=5$$

$$N+4=5$$

$$N=5-4$$

$$\boxed{N=1}$$

I.e.1

$$\textcircled{2} - 87 = 3 \cdot 29$$

$$\textcircled{4} - 1231 = \text{Primo}$$

IF.1.1

$$b) -\{5 - (-4) + (-1) - (3+2)\}$$

$$5+4 \quad -1 \quad -5$$

$$9 \quad -1 \quad -5$$

$$-\{+3\}$$

$$x = -3$$

IF.1.2

$$b) 14 | 2$$

$$7 | 7$$

1

$$14 = 2 \cdot 7$$

I.F.1.3

$$c) 18/60/126$$

$$18 = 3 \cdot 3 \cdot 2 \quad 60 = 3 \cdot 5 \cdot 2^2 \quad 126 = 7 \cdot 3^2 \cdot 2$$

$$\text{M.C.D} = (3 \cdot 2) = 6$$

$$\text{mcm} = (3^2 \times 2^2 \times 5 \times 7) = 1260.$$

ghelu 1 clase II

II. d. I. 1

$$a) \frac{15}{20} = 0,75$$

II. d. I. 2

$$b) 0,3\overline{41341341}$$

$$1000x = 0,\overline{341}.1000$$

$$1000x = 341,\overline{341}$$

$$x = 0,\overline{341341}$$

$$999 = 341$$

$$x = \frac{341}{999}$$

$$F) \frac{11}{27} - \frac{3}{4} = \frac{14}{3} \cdot \left(1 - \frac{2}{3}\right)$$

$$\frac{11}{27} + \frac{8}{3}$$

$$\frac{-37}{96} - \frac{14}{3} \cdot \frac{1}{3}$$

$$\frac{265}{87}$$

$$\frac{-37}{108} \cdot \frac{87}{265} - \frac{14}{3} \cdot \frac{1}{3}$$

$$\frac{-3219}{28620} - \frac{14}{9}$$

$$\frac{-327189}{257580}$$

d) $\frac{4}{5} \cdot \left(\frac{7}{3} + \frac{5}{4}\right)$

$$\frac{4}{5} \cdot \frac{43}{12} = \boxed{\frac{43}{15}}$$

AVX

$$\frac{11}{27} - \frac{3}{4} = \frac{11.4 - 3.27}{27.4} = \frac{44 - 81}{96}$$

$$\boxed{\frac{-37}{96}}$$

$$\frac{11.3 + 8.29}{24.3 + 11.7} = \frac{33 + 232}{87}$$

$$\left(1 - \frac{2}{3}\right) = \frac{1}{3}$$

$$\frac{-3219.9 - 14.28620}{28620}$$

$$\frac{-3219.9 - 14.28620}{28620}$$

$$\frac{-3219.961}{28620}$$

Auf

$$\frac{7.4 + 5.3}{3.4}$$

$$\frac{28 + 15}{12}$$

$$\frac{43}{12}$$

$$10x = 0,7 \cdot 10$$

$$\frac{10}{90}$$

$$10x = 1,1$$

$$= \frac{1}{90}$$

$$d) = \sqrt[7]{\frac{0,8}{(0,007)^3}}$$

$$\sqrt[7]{\frac{\frac{8}{9}}{\left(\frac{7}{900}\right)^3}}$$

$$\sqrt[7]{\frac{8}{9} \cdot \left(\frac{7}{900}\right)^3}$$

$$81.000.000$$

$$\frac{8}{9} \cdot \frac{729.000.000}{343}$$

$$\sqrt[7]{\frac{648M}{343}}$$

$$\left| \begin{array}{l} \frac{648M}{2} \\ - \frac{343}{2} \\ \hline \end{array} \right| = \frac{324M}{\frac{343}{2}}$$

AUX

$$0,8$$

$$10x = 0,8 \cdot 10$$

$$10x = 8,0$$

$$0x = 0,8$$

$$9 = 8 \quad \frac{8}{9}$$

$$100x = 0,007 \cdot 100$$

$$100x = 0,7$$

$$1000x = 7$$

$$900 = 7$$

$$\frac{7}{900}$$