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11) ✓ 16)

$$\frac{102}{6} = \frac{x}{3} = \frac{y}{2} = \frac{z}{1}$$

$$x = \frac{102}{6} \cdot 3 = 51 \text{ €}$$

$$y = \frac{102}{6} \cdot 2 = 34 \text{ €}$$

$$z = \frac{102}{6} \cdot 1 = 17 \text{ €}$$

V
11

$$17) \frac{99}{3 + \frac{2}{3} + \frac{11}{6}} = \frac{99}{\frac{18}{6} + \frac{4}{6} + \frac{11}{6}} = \frac{99}{\frac{33}{6}}$$

$$\frac{99}{33/6} = \frac{x}{3} = \frac{2y}{2/3} = \frac{z}{11/6}$$

$$\frac{99}{33/6} = \frac{x}{3} \quad // \quad \frac{6 \cdot 99}{33} = \frac{x}{3} \quad // \quad x = \frac{3 \cdot 6 \cdot 99}{33} = \underline{\underline{54 \text{ €}}}$$

$$\frac{99}{33/6} = \frac{2y}{2/3} \quad // \quad \frac{6 \cdot 99}{33} = \frac{3 \cdot y}{2} \quad // \quad y = \frac{6 \cdot 99 \cdot 2}{33 \cdot 3} = \underline{\underline{12 \text{ €}}}$$

$$\frac{99}{33/6} = \frac{z}{11/6} \quad // \quad \frac{99 \cdot 6}{33} = \frac{z \cdot 6}{11} \quad // \quad z = \frac{99 \cdot 6 \cdot 11}{33 \cdot 6} = \underline{\underline{33 \text{ €}}}$$

V
11
18)

$$\frac{\text{Hectáreas}}{8 + 12 + 15} = \frac{12}{8} = \frac{x}{12} = \frac{z}{15}$$

$$\frac{H}{35} = \frac{12}{8} \quad // \quad H = \frac{12 \cdot 35}{8} = \underline{\underline{52'5 \text{ H}}}$$

$$\frac{12}{8} = \frac{x}{12} \quad // \quad x = \frac{12 \cdot 12}{8} = \underline{\underline{18 \text{ H}}}$$

$$\frac{12}{8} = \frac{z}{15} \quad // \quad z = \frac{12 \cdot 15}{8} = \underline{\underline{22'5 \text{ H}}}$$

V
11

$$19) \frac{70}{\frac{1}{3} + \frac{1}{4}} = \frac{x}{\frac{1}{3}} = \frac{y}{\frac{1}{4}}$$

$$\hookrightarrow = \frac{4}{12} + \frac{3}{12} = \frac{7}{12}$$

$$\frac{70}{7/12} = \frac{x}{1/3} \quad // \quad \frac{12 \cdot 70}{7} = \frac{3 \cdot x}{1} \quad // \quad x = \frac{12 \cdot 70 \cdot 1}{7 \cdot 3} = \underline{\underline{40}}$$

$$\frac{70}{7/12} = \frac{y}{1/4} \quad // \quad \frac{12 \cdot 70}{7} = \frac{4 \cdot y}{1} \quad // \quad y = \frac{12 \cdot 70 \cdot 1}{7 \cdot 4} = \underline{\underline{30}}$$

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$$20) \quad \frac{1 \cdot 100}{\left(\frac{1}{5} + \frac{1}{6}\right)} = \frac{x}{\frac{1}{5}} = \frac{y}{\frac{1}{6}}$$

$$\hookrightarrow \frac{1}{5} + \frac{1}{6} = \frac{6}{30} + \frac{5}{30} = \frac{11}{30}$$

$$\frac{1 \cdot 100}{11/30} = \frac{x}{1/5} \quad // \quad \frac{30 \cdot 100}{11} = \frac{5 \cdot x}{1} \quad // \quad x = \frac{30 \cdot 100 \cdot 1}{11 \cdot 5} = \underline{\underline{600}}$$

$$\frac{1 \cdot 100}{11/30} = \frac{y}{1/6} \quad // \quad \frac{30 \cdot 100}{11} = \frac{6 \cdot y}{1} \quad // \quad y = \frac{30 \cdot 100}{6 \cdot 11} = \underline{\underline{500}}$$

$$21) \quad \frac{620}{\left(\frac{1}{2} + \frac{1}{3} + \frac{1}{7}\right)} = \frac{x}{\frac{1}{1}} = \frac{y}{\frac{1}{3}} = \frac{z}{\frac{1}{7}}$$

$$\hookrightarrow \frac{21}{21} + \frac{7}{21} + \frac{3}{21} = \frac{31}{21}$$

$$\frac{620}{31/21} = \frac{x}{1/1} \quad // \quad \frac{620 \cdot 21}{31} = x \quad // \quad x = \underline{\underline{420 \text{ €}}}$$

$$\frac{620}{31/21} = \frac{y}{1/3} \quad // \quad \frac{21 \cdot 620}{31} = \frac{3 \cdot y}{1} \quad // \quad y = \frac{21 \cdot 620 \cdot 1}{31 \cdot 3} = \underline{\underline{140 \text{ €}}}$$

$$\frac{620}{31/21} = \frac{z}{1/7} \quad // \quad \frac{620 \cdot 21}{31} = \frac{7 \cdot z}{1} \quad // \quad z = \frac{620 \cdot 21 \cdot 1}{7 \cdot 31} = \underline{\underline{60 \text{ €}}}$$

11 ✓

$$22) \frac{300}{\frac{1}{1/3} + \frac{1}{1/5} + \frac{1}{1/7}} = \frac{x}{\frac{1}{1/5}} \rightarrow \frac{5}{1}$$

$$\hookrightarrow \frac{300}{\frac{3}{1} + \frac{5}{1} + \frac{7}{1}} = \frac{300}{15}$$

$$\frac{300}{15} = \frac{x}{5} \quad // \quad x = \frac{300 \cdot 5}{15} = \underline{\underline{100 \text{ €}}}$$