3/201.22

a) Convertiti mr. 11001 din bara 2 în 6ara 10

$$1 \times 000 \times 1 = 1.2' + 1.2' + 0.2' + 0.2' + 1.2'$$

$$= 1.16 + 1.8 + 0 + 0 + 1$$

$$= 16 + 8 + 1$$

$$= 25.0$$

(2) Convertiti normanul 1A din bara 16 in bara 10

A=10 1A_6= 1.16 + 10.16 = 16+10=2610

(c) Connectiti murmanul 125 din 6000 7 2m bara 4

Treluia 125. 1257 = 1.7 + 2.7 + 5.7 = 10+111+5=68, 68 10 = 10104

d) Scooleti musmerele 25 mi 12 cm 6049 8.

258 - 12; 13g

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N

/ MR. 22

Calculored 83

$$= 84 \cdot (56^{2})^{13} = 84 \cdot 3136^{13} = 84 \cdot 32^{14} = (84 \cdot 33) \cdot 33^{16}$$

$$= 3276 \cdot 33^{16} = 16 \cdot (33^{2})^{2} = 16 \cdot 1521^{3} = 16 \cdot 54^{3}$$

$$= (16 \cdot 54)^{2} \cdot 54^{2} = 864 \cdot (54^{2})^{4} = 49 \cdot 2516^{4} = 49 \cdot (55^{2})^{2}$$

St 36 163

326 28

7 667 1506

1388

200

1296 163

978 6