Before year:

Water_X	ldianeter 16 cm	Cost per wester	Dies per water 58,18	Defects /cm²
Wafer - 4	20 cm	30	90,91	0,026

Water area for Water $\chi = 3.14.8^{2} = 200.96 \text{ m}^{2}$ Die orea for water $\chi = 200.96 / 58.18 = 3.1.5 \text{ en}^{2}$ Tield for Water $\chi = \frac{1}{(1+(0.012.1.725))^{2}} = 0.94$ Cost per die for Water $\chi = \frac{18.75}{58.18.0.94} = 0.34$ Water area for Water-7 = 3,14.10 = 314 cm²

Die area for Water-4 = 314/90,91 = 3,45 cm²

Tield for Water-4 = 1

[1+(0,026.1,725)] = 0,92

Cost per die for Water-7 = 30

90,91.0,92 = 0,36

Cost per die for Water- x is decreased by 26,47% occording to the betore year.

Cost per die for Weter- Y is decreased by 27,78% according to the betore year.

Q2)

- A) P1: 3.03.245.03.4 + 2.08.3 = 3.2.03 P2: 3.03.3 + 4.03.3 + 2.08.3 = 3.03
- B) P1: 8,2. 109/109 = 3,2 P2: 3.109/109 = 3
- C) $P(1: \frac{3,2.0^{9}}{3.0^{9}} = 1.07s$ $P(2: \frac{3.09}{1.5.09} = 2.5$
- D) Pl is 1,87 times Faster Ham P2.

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