



ƉƜƉ, Ɖ^{1/4}Ɖ, Ñ†ƉμÑ•Ɖ°Ɖ, Ɖμ ƉƉƉμÑ...Ɖ^{1/2}Ɖ^{3/4}Ɖ»Ɖ^{3/4}Ɖ³Ɖ, Ɖ,

ƉƜƉ, Ɖ^{1/4}Ɖ, Ñ†ƉμÑ•Ɖ°Ɖ, Ɖμ ƉƉƉμÑ...Ɖ^{1/2}Ɖ^{3/4}Ɖ»Ɖ^{3/4}Ɖ³Ɖ, Ɖ,

ı»ğı»ğ

Ɖ—Ɖ°Ɖ´Ɖ°Ñ†Ɖ° 4.5 Ɖ ƉμÑˆƉμƉ±Ɖ^{1/2}Ɖ, Ɖ° 11

ρÑƒƉ± 60



4.5 Ɖ´Ɖ^{3/4}Ɖ•Ɖ´ÑƒÑ... Ɖ² Ɖ°Ɖ^{3/4}Ɖ»Ɖ, Ñ†ƉμÑ•Ñ, Ɖ²Ɖμ Q = 14400 Ɖ^{1/3}/Ñ†Ɖ°Ñ• Ɖ_zÑ€Ɖ, Ɖ°Ñ, Ɖ^{1/4}Ɖ^{3/4}Ñ•Ñ, ƉμÑ€Ɖ^{1/2}Ɖ^{3/4}Ɖ^{1/4}
Ɖ´Ɖ°Ɖ²Ɖ»ƉμƉ^{1/2}Ɖ, Ɖ Ɖ° = 740 Ɖ^{1/4}Ɖ^{1/4} Ñ€Ñ, . Ñ•Ñ, Ɖ, Ñ, ƉμƉ^{1/4}Ɖ_zƉμÑ€Ɖ°Ñ, ÑƒÑ€Ɖμ t = 200Ɖı
Ɖ•Ɖ°Ñ•Ɖ°Ñ•Ñ•Ɖ²ƉμÑ, Ñ•Ñ• Ɖ²ƉμƉ^{1/2}Ñ, Ɖ, Ɖ»Ñ•Ñ, Ɖ^{3/4}Ñ€Ɖ^{3/4}Ɖ^{1/4} Ɖ² Ñ, ÑÑƒƒƉ±Ɖ^{3/4}Ɖ_zÑ€Ɖ^{3/4}Ɖ^{3/4}Ɖ´
Ɖ´Ɖ, Ɖ°Ɖ^{1/4}ƉμÑ, Ñ€Ɖ^{3/4}Ɖ^{1/4} d = 400 Ɖ^{1/4}Ɖ^{1/4} Ɖ, Ɖ´Ɖ»Ɖ, Ɖ^{1/2}Ɖ^{3/4}Ɖ¹ = 20 Ɖ^{1/4}, Ɖ•Ɖ°Ñ, ƉμƉ^{1/4} Ɖ_zÑ€Ɖ^{3/4}Ñ...Ɖ^{3/4}Ɖ´Ɖ, Ñ,
Ɖ°Ɖ°Ɖ»Ɖ^{3/4}Ñ€Ɖ, Ñ, ƉμÑ€, Ɖ_zƉ°Ɖ´ƉμƉ^{1/2}Ɖ, Ɖμ Ɖ´Ɖ°Ɖ²Ɖ»ƉμƉ^{1/2}Ɖ, Ñ• Ɖ² Ɖ°Ɖ^{3/4}Ñ, Ɖ^{3/4}Ñ€Ɖ^{3/4}Ɖ^{1/4} Ñ•Ɖ^{3/4}Ñ•Ñ, Ɖ°Ɖ²Ɖ»Ñ•ƉμÑ,
100 Ɖ^{1/4}Ɖ^{1/4} Ɖ²Ɖ^{3/4}Ɖ´. Ñ•Ñ, . Ɖ•Ɖ°Ɖ³Ñ€ƉμÑ, Ñ•Ɖ¹ Ɖ² Ɖ°Ɖ°Ɖ»Ɖ^{3/4}Ñ€Ɖ, Ñ, ƉμÑ€Ɖμ Ɖ´Ɖ^{3/4} t1 = 800Ɖı Ɖ²Ɖ^{3/4}Ɖ•Ɖ´ÑƒÑ...
Ñ†ƉμÑ€ƉμƉ. Ñ, ÑÑƒƒƉ±Ɖ^{3/4}Ɖ_zÑ€Ɖ^{3/4}Ɖ²Ɖ^{3/4}Ɖ´ Ɖ´Ɖ, Ɖ°Ɖ^{1/4}ƉμÑ, Ñ€Ɖ^{3/4}Ɖ^{1/4} d1 = 350 Ɖ^{1/4}Ɖ^{1/4} Ɖ, 1 = 40 Ɖ^{1/4}
Ɖ_zƉ^{3/4}Ñ•Ñ, ÑƒƉ_zƉ°ƉμÑ, Ɖ° Ɖ²ƉμƉ^{1/2}Ñ, Ɖ, Ɖ»Ñ•Ñ, Ɖ^{3/4}Ñ€ƉÑƒ. ƉžƉ_zÑ€ƉμƉ´ƉμƉ»Ɖ, Ñ, Ñ€ Ñ€Ɖ°Ɖ•Ñ€ƉμƉ¶ƉμƉ^{1/2}Ɖ, Ɖμ
Ɖ_zƉμÑ€ƉμƉ´ Ɖ_zƉ^{3/4}Ñ•Ɖ»ƉμƉ´Ɖ^{1/2}Ɖ, Ɖ^{1/4}, Ɖ_zÑ€ƉμƉ^{1/2}ƉμƉ±Ñ€ƉμƉ³Ɖ°Ñ• Ɖ^{3/4}Ñ...Ɖ»Ɖ°Ɖ¶Ɖ´ƉμƉ^{1/2}Ɖ, ƉμƉ^{1/4}
Ɖ²Ɖ^{3/4}Ɖ•Ɖ´ÑƒÑ...Ɖ° Ñ†ƉμÑ€ƉμƉ. Ñ•Ñ, ƉμƉ^{1/2}Ɖ°Ɖ, Ñ, ÑÑƒƒƉ±Ɖ^{3/4}Ɖ_zÑ€Ɖ^{3/4}Ɖ²Ɖ^{3/4}Ɖ´Ɖ^{3/4}Ɖ², ƉμÑ•Ɖ»Ɖ,
Ɖ_zƉ»Ɖ^{3/4}Ñ, Ɖ^{1/2}Ɖ^{3/4}Ñ•Ñ, Ñ€Ɖ Ɖ²Ɖ^{3/4}Ɖ•Ɖ´ÑƒÑ...Ɖ° Ɖ_zÑ€Ɖ, Ɖ^{1/2}Ɖ^{3/4}Ñ€Ɖ^{1/4}Ɖ°Ɖ»Ñ€Ɖ^{1/2}Ñ•Ñ... Ñ, Ɖ, Ɖ, Ñ†ƉμÑ•Ɖ°Ɖ, Ñ...
ÑƒÑ•Ɖ»Ɖ^{3/4}Ɖ²Ɖ, Ñ•Ñ... (t0 = 00Ɖı, Ɖ 0 = 760 Ɖ^{1/4}Ɖ^{1/4} Ñ€Ñ, . Ñ•Ñ, Ɖ, Ñ, = 50%) Ñ€0 = 1,293 Ɖ°Ɖ³/Ɖ^{1/3}.
ƉšƉ, Ɖ^{1/2}ƉμƉ^{1/4}Ɖ°Ñ, Ñ†ƉμÑ•Ɖ°Ɖ, Ɖ¹ Ɖ°Ɖ^{3/4}Ñ•Ñ, Ñ, Ɖ, Ñ†Ɖ, ƉμƉ^{1/2}Ñ, Ɖ²Ñ•Ɖ•Ɖ°Ɖ^{3/4}Ñ•Ñ, Ɖ, Ɖ²Ɖ^{3/4}Ɖ•Ɖ´ÑƒÑ...Ɖ° Ɖ_zÑ€Ɖ,
200Ɖı Ñ€Ɖ°Ɖ²ƉμƉ^{1/2} v = 1,57*10⁻⁶ Ɖ^{1/2}/Ñ•, Ɖ° Ɖ_zÑ€Ɖ, 800Ɖı â€“ v = 21,7*10⁻⁶ Ɖ^{1/2}/Ñ•.

