ⵜⴰⴳⵍⴷⵉⵜ ⵏ ⵍⵎⵖⵔⵉⴱ ⵜⴰⵎⴰⵡⴰⵙⵜ ⵏ ⵓⵙⴳⵎⵉ ⴰⵏⴰⵎⵓⵔ ⴰ ⵙⵙⵓⵏⵉ ⵓⵎⵣⵡⴰⵔ		ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵡⵉⵏⵉⵜ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ 2015 ⵜⴰⵙⴷⴰⵡⵉⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ	ⵜⴰⴳⵍⴷⵉⵜ ⵏ ⵍⵎⵖⵔⵉⴱ ⵜⴰⵎⴰⵡⴰⵙⵜ ⵏ ⵓⵙⴳⵎⵉ ⴰⵏⴰⵎⵓⵔ ⴰ ⵙⵙⵓⵏⵉ ⵓⵎⵣⵡⴰⵔ ⵜⴰⵎⴰⵡⴰⵙⵜ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⵉⵡⵉⵏⵉⵜ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ
ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ : ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ			
1 / 1		ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ	

	(ⵜⴰⵙⵙⵓⵏⵉ ⵓⵎⵣⵡⴰⵔ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ)
	(ⵜⴰⵙⵙⵓⵏⵉ ⵓⵎⵣⵡⴰⵔ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ)
د3	4560,75 + (1400 ⵖ 181,178) =
د2.5	16,04 ⵄ 7,50 =
د2.5	2247 ⵖ 17,5 =
	(ⵜⴰⵙⵙⵓⵏⵉ ⵓⵎⵣⵡⴰⵔ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ)
د1.5	: ⵜⴰⵎⴰⵡⴰⵙⵜ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ
د1.5	: ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ
	(ⵜⴰⵙⵙⵓⵏⵉ ⵓⵎⵣⵡⴰⵔ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ)
	ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ 8 % ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ
د2.5	ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ .
د2.5	ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ

	(ⵜⴰⵙⵙⵓⵏⵉ ⵓⵎⵣⵡⴰⵔ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ)
د 3	ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ 2.5 cm
	ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ
	ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ .
د 2	ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ (ABCD) :
	(ⵜⴰⵙⵙⵓⵏⵉ ⵓⵎⵣⵡⴰⵔ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ)
	ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ . 9 m
د 2	ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ .
د 4	ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ . 20 m

	(ⵜⴰⵙⵙⵓⵏⵉ ⵓⵎⵣⵡⴰⵔ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ)
	(ⵜⴰⵙⵙⵓⵏⵉ ⵓⵎⵣⵡⴰⵔ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ)
د 2	2,75 t 15,55 qçρ σ Ë Ç È 8 8 8 8 8 8 8 8 8 8 8 È Ç
د 2	0,75 km 209 da Í ρ σ Í È 8 8 8 8 8 8 8 È Í
د 2	π ħ π χ ψ È Á ω ħ φ ς υ Ä Á Í ó ρ ς υ Ã Á È 8 8 8 8 8 8 8 8 8 Á
د 2	χ ħ π υ Í ú φ ħ ρ υ È Ì Ληυ Ä Í ú 8 8 8 8 8 8 8 8 8
	(ⵜⴰⵙⵙⵓⵏⵉ ⵓⵎⵣⵡⴰⵔ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ)
د 5	ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ 5cm ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ 2010 ⵜⵉⵔⵔⵉⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ ⵜⵉⵣⵉ ⵏ ⵜⵣⵔⴼⵜ ⵜⴰⵏⴰⵎⵓⵔⵜ ⵜⴰⵎⴰⵣⵉⵖⵜ