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<b>02</b> :33	*02:10, 02:244, 02:453  Well No  HLA-A allela <sup>1,2,3</sup> *02:11:01:01-02:11:01:06, 02:11:03-02:11:12, 02:297-02:298, 02:308, 02:457, 02:579, 02:584, 02:714, 02:738, 02:751, 02:754, 02:808, 02:893, 02:923, 02:926, 02:940, 02:959, 02:964, 02:991, 02:1031N  *02:11:02 *02:13 *02:14, 02:818 *02:15N *02:16, 02:560 *02:17:02:01-02:17:04, 02:303, 02:617, 02:657, 02:1054 *02:18, 02:912 <sup>4</sup> *02:20:01-02:20:02, 02:1001 *02:21 *02:22:01:01-02:22:02, 02:929 *02:24:01-02:24:02 *02:26 *02:27 *02:28, 02:409 <sup>4</sup> *02:29, 02:780 *02:30:01-02:30:02, 02:547, 02:598	1 2	+ + + + + + + + + + + + + + + + + + + +	+ + + + + + + + + + + + + + + + + + + +	+ +	8 9	+	+	+ +	4 5	1 1 1 5 6	1 1 7 8	1 2 9 0		2 2		2 2	2 2					5 (	6 7			1	2																	5 6	7		0 0	7 7 7 1 2 + + + + + + + + + + + + + + + + + +	3														1	+ + + + + + + + + + + + + + + + + + + +	3 4		
02:34	**O2:10, 02:244, 02:453  Well No  HLA-A allela <sup>1,2,3</sup> **02:11:01:01-02:11:01:06, 02:11:03-02:11:12, 02:297-02:298, 02:308, 02:457, 02:579, 02:584, 02:714, 02:738, 02:751, 02:754, 02:808, 02:893, 02:923, 02:926, 02:940, 02:959, 02:964, 02:991, 02:1031N  **02:11:02 **02:12 **02:13 **02:14, 02:818 **02:15N **02:16, 02:560 **02:17:02:01-02:17:04, 02:303, 02:617, 02:657, 02:1054 **02:18, 02:912 **02:19 **02:20:01-02:20:02, 02:1001 **02:22 **02:20:01-02:22:02, 02:929 **02:24:01-02:24:02 **02:25 **02:26 **02:27 **02:28, 02:4094 **02:29, 02:780 **02:29, 02:780 **02:29, 02:780 **02:23, 00:01-02:30:02, 02:547, 02:598 **02:30, 01-02:30:02, 02:547, 02:598 **02:31	1 2 + + + + + + + + + + + + + + + + + +	+ + + + + + + + + + + + + + + + + + + +	+ + + + + + + + + + + + + + + + + + + +	+ +	8 9	+	+	+ +	4 5	1 1 1 5 6	1 1 7 8	1 2 9 0		2 2		2 2	2 2					5 (	6 7			1	2																	5 6	7		0 0	7 7 7 1 2 + + + + + + + + + + + + + + + + + +	3														1	+ + + + + + + + + + + + + + + + + + + +	3 4		
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***O2:178       ***D2:179       ***D2:179       ***D2:180, 02:3584       **	+ + +
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* <b>02:289:01-</b> 02:289:02	++++	<del>                                     </del>		<del>                                     </del>	<del>┪╎╎╎╏╎╎╏╏╎╏</del>
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*02:300		<del> </del>	<del>++++++++++++++++++++</del>		<del>╶┤╎╎╎╏<sup>†</sup>╎╎╎╏╎╎╏╎╎╏╎╎╏╎╎╏</del>
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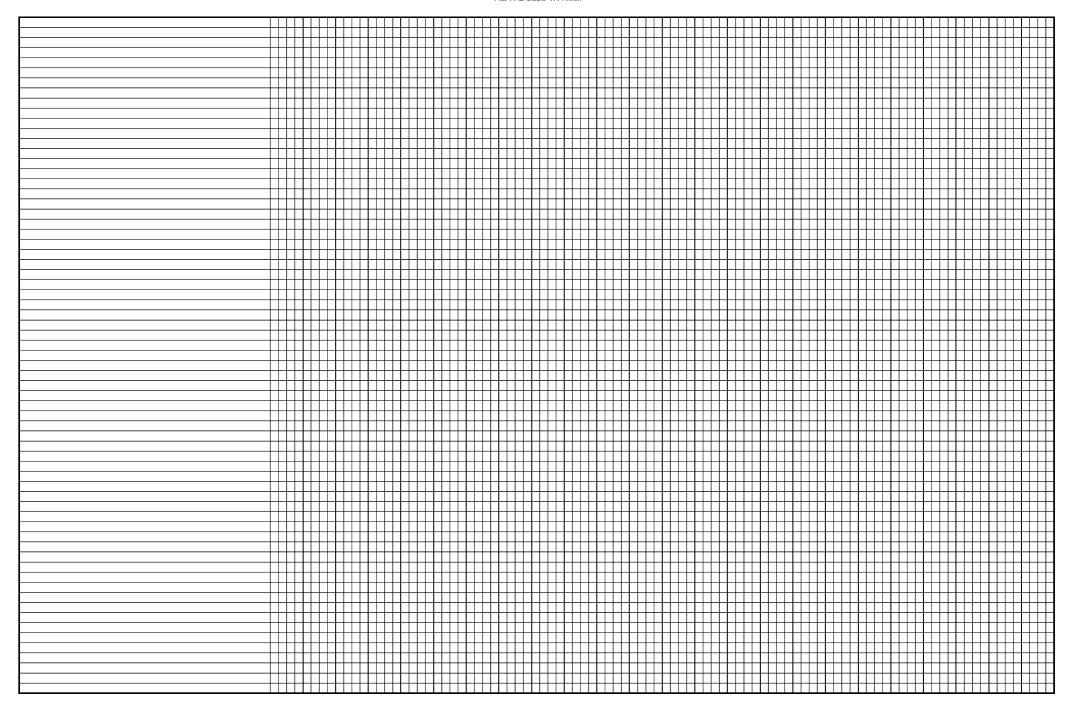
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34:26N, 34:28-34:30N, 66:06, <i>B*44:03:47</i>	Ш		Ш	$\perp \perp$	$\perp$	Ш		Ш		$\perp \! \! \perp \! \! \! \perp$					$\perp \perp$	Ш					Ш	Ш	$\sqcup \sqcup$	Ш	$\perp \perp \perp$		ш		$\perp$			$\perp \! \! \perp$	$\perp \perp$	$\perp \! \! \perp$	$\bot$		Ш		Ш			Ш	Ш	ш	ш
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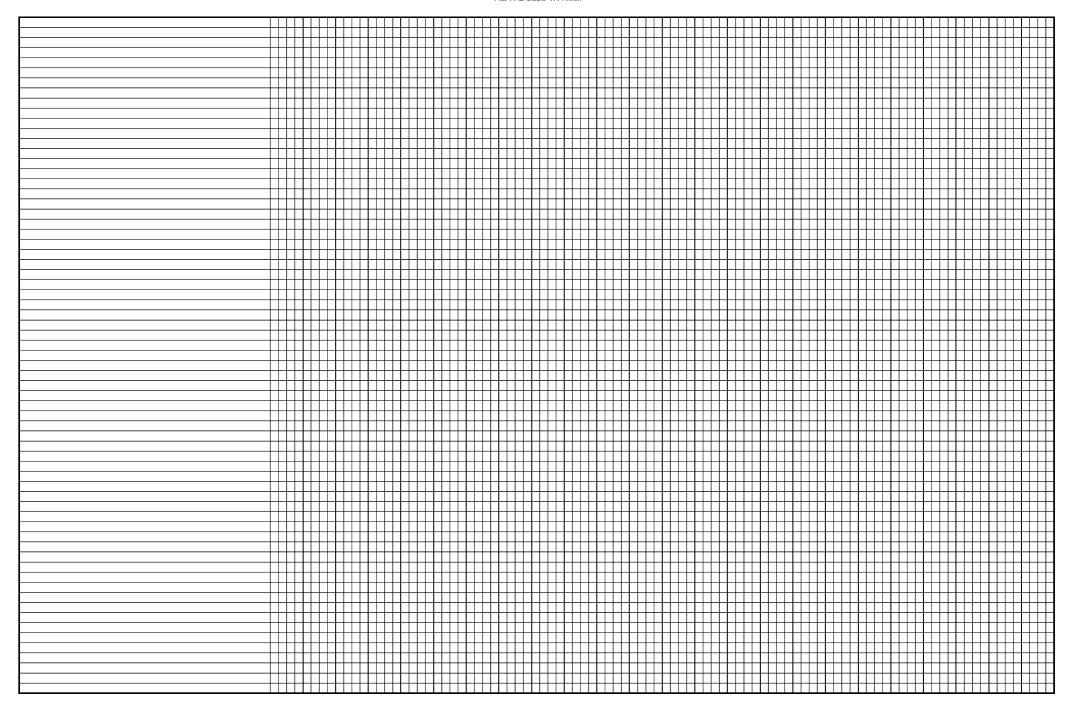
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*24:02:76, 24:310:02	HH	+.	+		+			+	H		Н.		-	+	+	+	H	+		-		H	H		++	++,	.++	++	++		Н		+	H	$\vdash$	+.+	++		+	+	+	+	H	H	++13	₩	++	++	-  '
*24:10:01:01-24:10:02, 24:300, 24:494-24:495, 24:506, 24:599	$\vdash \vdash \vdash$	-	+	-	$\vdash\vdash$	+	+	+	H	$\vdash$	┵	+	$\dashv$	+	+	+	H	+	-	+	₩	++	H	++	++	++3	1	++	++	Н	H		$\vdash$	+	$\vdash$	+	₩	+	+	+	+	+	H	H	++	++	++	++	┨ '
	$\vdash$	+	+	-	-	-	+	+	$\vdash$	<del></del>	++		$\dashv$	+	$\dashv$	+	Н.	$\vdash$	+	-	₩	++-	╁	+	++	++	++	++	++	$\vdash$	$\vdash$		$\vdash$	+	-	₩	++	++	+	$\dashv$	+	+	$\vdash$	$\vdash$	₩	++	++	++	┨ '
*24:14:01:01-24:14:01:04, 24:324	$\vdash$	+	+		Н-	_	_	+	Н	+	+	+	+	+	+	+	+	$\vdash$	$\perp$	-	$\vdash$	+	+	-	++	++	++	++	+	ш	Н		$\vdash$	$\perp$	$\vdash$	-	++	++	+	+	+	+	$\vdash$	Н	++	++	+	+	- '
*24:18		$\perp$	+		+			_	Ш		ш				$\perp$	$\perp$	Ш	Ш				ш	Ш	-	ш	++	+	ш	++	Ш	Ш		ш		Ш	Н	-	$\perp$	$\perp$		$\perp$	$\perp$		Ш	-	++	++	++	┥╵
*24:23		$\perp$	$\perp$		Ш			_	Ш		w		$\perp$		$\perp$	$\perp$	ш	Ш				Ш			ш	++		ш	-		Ш				Ш.	ш	-		$\perp$		$\perp$	_	Ш.	Ш	-	#	+	++	-   '
*24:28, 24:379	+		$\perp$			+			+		+		$\perp$		$\perp$		Ш					Ш	Ш	Ш	Ш	$\perp \perp$		Ш			Ш				Ш	Ш	ш		$\perp$	$\perp \downarrow \downarrow$		_	Ш	Ш	Ш	4	4	4	┛'
*24:30, 24:309	Ш	$\perp$	$\perp$		_	+			+	Ш	+		$\perp \!\!\! \perp \!\!\! \perp$	$\perp$	$\perp \perp$	$\perp$	ш	Ш			Ш	Ш	Ш	1	Ш	$\perp \perp$	$\perp \perp$	ш	$\perp \perp$		Ш				Ш	Ш	ш		$\perp$	$\perp \! \! \perp \! \! \! \perp$			Ш	Ш	ш	4	$\bot$	4	┛'
*24:42	Ш	$\perp$	Ш			+			+		+				$\perp$		Ш					Ш	Ш	Ш	Ш	$\perp \perp$		Ш			Ш					+	Ш		Ш	$\perp \! \! \perp \! \! \perp$		$\perp$		Ш	Ш	Ш	Ш	Ш	┙'
*24:46, 24:528											+								w																												Ш	Ш	'
*24:52, 24:291											+						+																													П	П	П	
*24:55		П	П				П	Т			+	П	+		$\Box$	П	П			Т																П	П	П	П	$\Box$	П	$\Box$		П			$\Box$	П	] '
*24:56:01-24:56:02, 24:177, 24:367, 24:381		$\Box$	П		+		П	T			+		$\Box$		$\Box$		П			Т	П															П	$\prod$	П	П	T	П	$\Box$		П			$\Box$		] '
*24:59, 24:190, 24:229, 24:285, 24:395, 24:503											+	+									П				+																						$\prod$	$\prod$	7'
*24:72, 24:286			П		П			$\neg$			+		$\sqcap$		$\sqcap$			Ш		$\top$	П					$\sqcap$				П		+	Ш			$\sqcap$	$\sqcap$		П	$\sqcap$		$\neg \vdash$			$\Box$	$\Box$	$\prod$	$\top$	7 '
*24:73, 24:157, 24:453	H	T	П		т	Ħ	T	十	Ħ		+	11	$\top$	11	$\top$	T	т	Ш		$\top$	$\sqcap$	$\sqcap$	$\sqcap$	T	TT	$\dagger \dagger$	11	$\sqcap$	TT	Ш	т	ΠŤ	Ш	Ħ	m	$\sqcap$	$\dagger \dagger$	$\forall$	П	$\top$	Ħ	$\top$	Π	$\sqcap$	$\sqcap$	$\top$	11.	.#	٦ '
*24:89	+	$\top$	$\top$	H	$\vdash$	+	$\top$	+	4	$\vdash$	1	++	$\dashv \dashv$	++	+	$\top$	Н	$\Box$		+	Ħ	+	$\dagger \dagger$	+	+	$\dagger \dagger$	+	$\vdash$	+	$\sqcap$	H	Ħ	$\sqcap$	$\sqcap$		1+1	$^{\dagger\dagger}$	T	$\top$	+	$\top$	$\top$	H		+	+	11	+	┪,
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*24:93	4	J 4	۲	, 3	۳	-   -	J 4	7 3	H°	3 0	114	J 4	9 0	, 0	3 0	' -		9 0	, 3	9 0	<del>    '</del>	1714	1.0	-   ·   °	1310	444	- 3 4	1716	111°	90	╨	9 4	7	1 3	9 0	1.11	14		71	3 3	۲'	- 3	1713	<del>  "   '</del>	1918	+++	+++	44	40
*24:94	${\color{blue}{H}}$	+	+		$\vdash\vdash$	$\vdash\vdash$	+	+	$\vdash\vdash$	+	+	+	+	+	$+\!\!+\!\!\!+$	+	$\vdash$	H	$\vdash$	+	H	+	+ -	+	+	++	++	+	++	$\vdash$	⊢	$\vdash$	Н	$\vdash\vdash$	$\vdash\vdash$	+	++	+	+	+	+	+	$\vdash$	$\vdash$	++	+	++	+	-1 '
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*24:99	${\color{blue}{++}}$	+	+	Ш	+ -	H	+	+	$\vdash$	$\vdash$	+		$\dashv$	$\dashv$	+	+	$\vdash$	$\vdash$	Ш	+	$\vdash$	+	$\vdash$	+	++	++	4	+	+	ш	╙	$\vdash$	Ш	$\sqcup \sqcup$	$\vdash$	+	++	+	+	+	+	$\dashv$	$\vdash$	$\vdash$	++	+	++	++	┦ '
*24:102, 24:566	ш	+	+	ш	$\vdash$	$\sqcup \sqcup$	$\perp$	$\perp$	$\vdash$	$\vdash$	+	+	$\dashv$	$\dashv$	+	+	$\vdash$	$\sqcup$	ш	$\perp$	$\vdash$	++	$\vdash$	++	+	++	+	+	$+\!\!+$	ш	$\vdash$	$\vdash$	Ш	$\sqcup \sqcup$	$\vdash$	4	++	+	$\perp$	+	+	+	$\vdash$	$\vdash$	114	4	$+\!\!+$	44	┙'
*24:131, 24:218	ш	$\perp$	ш	Ш	Щ	Ш	Ш	$\perp$	Ш	Ш	+	$\perp \! \! \perp \! \! \! \! \! \perp$	$\perp \!\!\! \perp \!\!\! \perp$	+	$\perp \! \! \perp$	$\perp$	ш	Ш	ш	1	Ш	1	$\perp \perp$	11	ш	$\perp \perp$	11	$\perp \perp$	ш	Ш	Ш	Ш	Ш	Щ	Ш	Ш	Ш	ш	Ш	$\perp \! \! \perp$	$\perp$	$\perp$	Ш	$\perp \perp$	+	44	1	44	┙'
*24:133	ш		Ш		Ш	Ш	Ш	$\perp$	Ш	Ш	+	$\perp \! \! \perp \! \! \! \! \! \perp$	Ш	$\perp$	Ш		Ш	Ш	Щ	$\perp$	Ш	Ш	Ш		Ш	$\perp \perp$		ш	Ш	Ш	Ш	oxdot	Ш	Щ		Ш	Ш	$\perp$	Ш	Ш		$\perp$	oxdot	Ш	1 -	<b>H</b>	1	$\perp \downarrow$	╝,
*24:138	Ш		+		Ш	$\Box \Box$			Ш	Ш	Ш	+	Ш	+	Ш		Ш	Ш	Ш		+	Ш	Ш		Ш			Ш		Ш	Ш	Ш	Ш	$\Box\Box$		Ш	Ш	Ш	Ш	Ш		$\perp$	Ш	Ш	$\perp \perp$	$\perp \perp$	Ш	Ш	┛'
*24:155N											+				Ш	+	LL			╧		Ш		Ш	Ш			Ш	Ш					$\Box\Box$		-	·LL	Ш							Ш	Ш	Ш	Ш	_  '
*24:188	ШΠ		+		╚						+	+	ַוו	+	ַן⊤			ЦΠ			+	$\Box \Box$	ШΠ	$\mathbb{L} \mathbb{T}$	$\Gamma$	LΤ	+	$_{\perp}$ T	LΤ		Ш	ШП				LΠ	$\prod$	$_{ m L}$ T		ַדַד				╚	ШT	ШΤ	$_{\perp}$ T	⊥Τ	_] '
*24:207:01			+		П			T		П			$\Box$		$\Box$		П			Т	П	П	П	П		$\Box$	+	П			П	П			П	П	П	П		$\Box$		$\Box$	П	П	$\Box$	$\Pi$	$\Box$	$\prod$	7
*24:207:02, 30:61			+										$\Box$		$\Box$											Tf																				$\prod$	$\prod$	$\Box$	1 '
*24:210	ПТ	T	П	П	П	ПΠ		$\top$	т	$\sqcap$	Ш	+	$\top$		$\top$	T	ПΠ	Ш	+	$\top$	$\sqcap$	$\sqcap$	ΠĖ	TT	+	$\dagger \dagger$	T	Ħ	$T^{T}$	Ш	H	ΠT	ПΠ	ΠП		$\sqcap$	$\dagger \dagger$	$\top$	$\top$	$\dashv \dagger$	$\Box$	$\top$	Π	ΠĖ	ΤŤ	$T^{T}$	$\top$	11	٦ '
*24:219	$\Box$	Ħ	Ħ	H	广	Ħ	Ħ	$\top$	Ħ	$\vdash$	Ш	+	$\top$	11	$\dashv \dagger$	Ħ	Ħ	$\sqcap$	Ħ	+	Ħ	$\sqcap$	Ħ	$\Box$	TT	Ħ	T	Ħ	TT	Ш	H	Ħ	Ш	H	Ħ	Ħ	$\dagger \dagger$	$\forall$	Ħ	$\dashv \dagger$	Ħ	$\top$	Ħ	Ħ	Ħ	+	+	+	1
*24:228	H	$\top$	+	H	H	Ħ	+	+	H	$\vdash$	+	_	$\dashv \dagger$	$\pm$	+	$\top$	Ħ		H	+	+	+	Ħ	+	+	Ħ	+	+	+	Ш	H	H	H	Ħ	H	Ħ	$\dagger\dagger$	+	Ħ	+	$\forall$	$\top$	H	$\vdash$	$\dagger \dagger$	+	+	+	┨
*24:234, 24:347:02, 24:350	ĦĦ		H	H	H	H	+	+	H	$\vdash$	H	++	$\pm$	$\pm$	+	$\pm$	H	H	H	+	Ħ	Ħ	Ħ	+	+	$\dagger \dagger$	Ħ	+	+	H	H	H	H	H	H	+	$^{\dagger\dagger}$	+	+	+	+	$\top$	H	H	+	+	+	++	┨
2.120 () 2.1047.02, 24.000	ш	$\perp$			ш_			_1_		ᅳ	_		$\perp$	-			ш	$\bot$	ш											$\perp$		ш	$\perp$						$\perp$	$\perp$	$\perp$	$\perp$	ᆜ	$\bot$					- 1

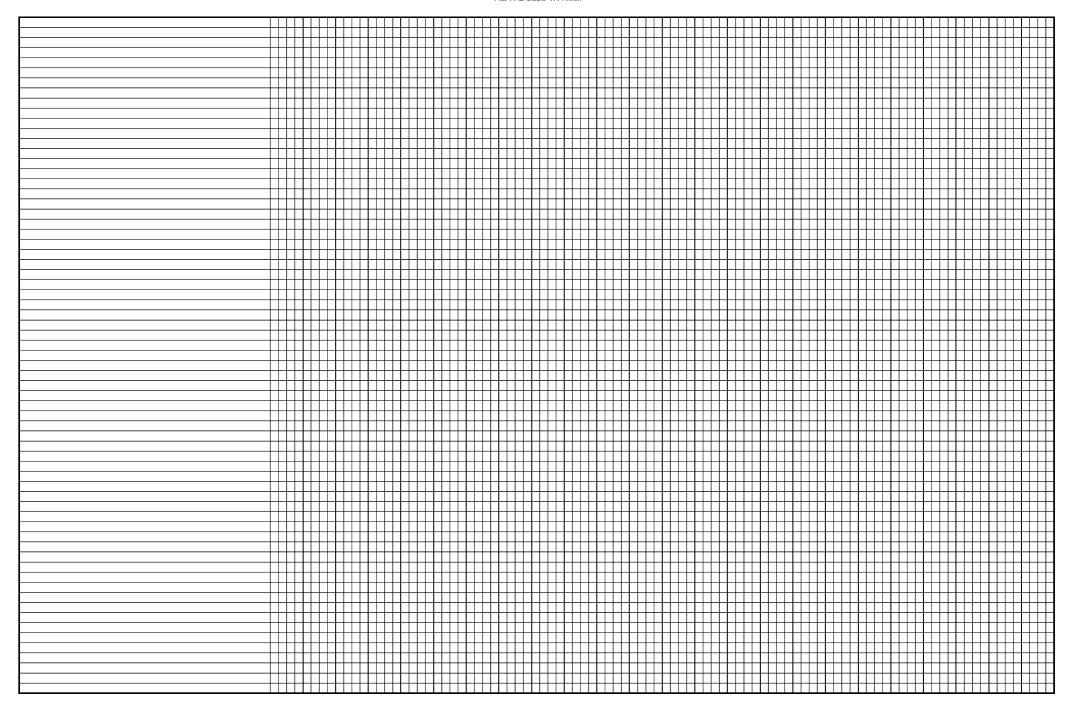
*24:245			_	_	П	Т.		$\overline{}$		П	П.		Т	11		т т	т		Т	т т	т	П	П	T	T		П			1 1	T. T	1 1 1	1 1		T	Т.			TI	T T	т т		11	ш	$\neg$	$\mathbf{T}$
*24:245 *24:261, 24:445N	+++	+	+	-	++	+	+	+	$\vdash$	H	+	+	+	+	$\dashv$	+	++	+		+	+	++	Н	++	++	++	H	++	++	++	+	+++	++	++	++	++*	+		+	+	+	+	+	+	'	+
*24:293	+++	+	+	+	++	+	+	+	H	H	+	. + +	+	+	+	+	+	+	$\dashv$	+	+	++	Н	+	++	+	++	++	++	+	++	Н	+	+	++	+	++	-	++	+	+	+	+	_		+
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*24:315 *24:339, 24:459:02, <i>C</i> *14:132	+++	+	+	_	++	+	+	+		₩	$\vdash\vdash\vdash$		+	+	$\dashv$		+++			-	-	++	ш	+	++		++	++	+++	++	++	+++	-	+	++	+.+	++		+++	++	+	+	+	+++		+1
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*24:355	$+\!+\!+$	+	+		+	++	+	$\perp$	Ш	ш	+		+	+	+	+	+		$\dashv$	-	+		ш	$\perp$	++	+	₩	++	44	++	1	ш	-	+	++	-	+		44	+	-	$\perp$			'ـــــــــــــــــــــــــــــــــــــ	₩,
*24:374	$+\!+\!+$	-	$\perp$			+	$\perp$	$\perp$		Ш			+	$\dashv$			$\perp$		$-\!\!\!\!+\!\!\!\!\!+$						++		₩	++		-	$\sqcup$	ш		$\perp$	+	+	+			+	$\perp$	$\perp$				₩,
*24:438	₩	$\perp$	$\perp$		ш	$\perp$	$\perp$	$\perp$			+		$\perp$	$\perp \! \! \perp \! \! \! \! \! \perp$		+	$\perp$	ш			$\perp$			$\perp$	$\perp$		ш	ш		ш	ш	ш			$\perp$		$\perp$					$\perp$				⊥_!'
*24:515	₩		+		ш	$\perp$		$\perp$		Ш		+	$\perp$	+	$\perp$		$\perp$			+		44			11	+	ш	ш		ш	Ш	ш	11				$\perp$		44		ш	$\perp$			, ב	₽,
*24:527	ш	$\perp$	$\perp$		ш	$\perp$	$\perp \perp$	$\perp$	Ш	ш	Ш		$\perp$	$\perp$	$\perp \perp$	$\perp$	+				$\perp$	$\perp \perp$	ш	$\perp$	$\perp \! \! \perp$		$\perp \perp$			ш	ш	ш	$\perp \perp$	$\perp$	$\perp \perp$	$\perp$	$\perp \! \! \perp$		$\perp \perp$	$\perp$	ш	$\perp$	$\perp \! \! \perp$	ш	_⊢՝	Щ.
*24:597N	ш									Ш	+					Ш							Ш		$\perp \downarrow \downarrow$		Ш			Ш		Ш			+	+									'ـــــــــــــــــــــــــــــــــــــ	⊥ľ
*25:11, 26:36, 26:146	+					Ш									$\perp$			+							Ш		Ш		+						$\perp \perp$		Ш				Ш				Ш'	Ш
*26:03:01:01-26:03:01:02, 26:03:03, 26:06, 26:21, 26:30, 26:78,																		L											_														11.		.   '	
26:193, 26:229																																													'ـــــــــــــــــــــــــــــــــــــ	
*26:10					+ +			+										+																										+	.     '	
*26:22, 66:09															П						+				П																					П
*26:92	+					+									П			+									П	П	+	П				+									+			П
*26:99, 29:130, 31:48, 31:125, 33:15	$\Box \Box$	11	П	П		$\top \uparrow$	$\sqcap$		П	П	Ш	Ħ	$\top$	$\sqcap$	$\sqcap$	$\sqcap$	$\top$	П	П	T	$\Box$	Π	Ш	$\Box$	丁		П	$\sqcap$		П	П	Ш		$T^{\dagger}$	П	TT	$\Box$		П	$\sqcap$	T	$\Box$	+	П	T	П
*26:111	+	11	$\Box$			+	$\top \top$	П					$\top$	T	$\top$	$\top$	$\top$	+	$\dashv$				Ш	$\top$	11	$\top \top$	П	$\top$	+	$\sqcap$		$\Box$		$\top$	$\top$	$\top$	11			$\top$	Ħ	$\top$	$\top$			П
*26:177	+	$\top$	П	T	H	$\top \uparrow$	$\top$		ΓĖ	ΓĖ	Ш	Ħ	$\top$	$\top$	$\top$	$\top$	$\top$	+	$\dashv \dagger$	T	$\top$	T	Ш	$\top$	$\top \uparrow$	+	Ħ	$\top \dagger$	+	$T^{\dagger}$	Πİ	TTT	11	$\top$	TT	TT	T	$\top$	Ħ	$\dagger \dagger$	$\top$	$\top$	+	ПТ	$\mathcal{T}'$	$\Box$
*26:227	$\Box$	11	$\top$	$\Box$		+	+	$\top$	Ħ	Ħ	Ш	11	$\exists \exists$	11	+	+	$\top$	Ħ	$\pm$	11	+	Ħ	Ш	$\top$	††	+	Ħ	11	H	Ħ	Ħ	$\Box$	11	11	TT	11	11			$\dagger \dagger$	+	+	+			Ħ
*29:19, 29:159, 33:24, 33:184	+	11	$\top$	$\top$	HT.	+ 1	+	$\top$	$\vdash$	$\vdash$	Ш	++	+	11	+	+	+	+	$\dashv$	11	+	$\dagger \dagger$	Ш	11.		+	$\dag \dag$	++	+	$^{\dagger\dagger}$	TT	++	+	+	+	11	+	+	+	++	+	+	+			$\forall$
*29:22, 31:99, 33:22, <i>B</i> *27:256	ĦŦ	$\pm$	+	$\neg \Box$	H	++	+	$\top$	Ħ	H	Ш	$\dashv \dagger$	+	$\pm \pm$	$\dashv \dagger$	$\dashv \dagger$	+	Ħ	$\dashv$	1	+	tt	Ш	+	+†	+	Ħ	+	Ħ	$^{\dagger\dagger}$	H	+++	+	+	+	+	+	$\pm$	+	+	+	+	++:	++		$\forall$
*29:48	++	1	+	+	HH.	+	+	+	$\vdash$	$\vdash$	${\sf HH}$	+	+	+	+	+	++	+	+	++	+	+	${\sf H}$	+	.	++*	H	++	+	+	++	+++	+	1	+	++	+	+	+	++	+	+	+	++		H
*29:74, 32:08	+	╅	+	+	-	+	+	+	H	H	H	+	+	+	+	$\dashv \dashv$	+	+	$\dashv$	+	+	+	H	H.	-	++	H	++	H	+	+	+++	+	++	+	+	+	+	+	+	+	+	╁	++	+	+
*29:101:01, 31:67-31:68, 33:32:01	+++	$\pm$	+	+	H	+	$\pm$	+	H		H	+	$\pm$	+	+	- 1-1	++.	Ŧ	+	$\pm$	+	+		H	+		H	+	+	+	H	+++	++	+	+		+	+		+	+		+		+	+1
*30:13, 30:44, 30:46	+ +	+	7	-	+++	++	++	+	H	H	$\vdash$		+	.++	+	+	++*	+	$\dashv$	-	+	++	$\vdash$	+	++	+	++	++	++	++	++	+++	++	++	++	++	++		++	++	+	+	+	+++	+	+1
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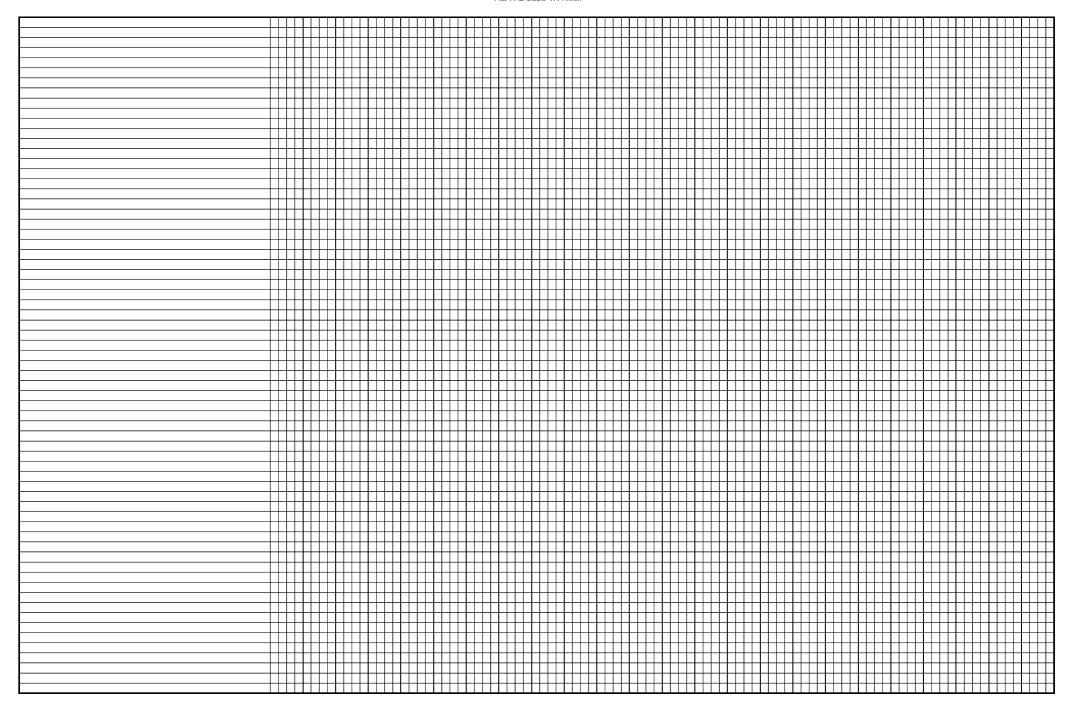
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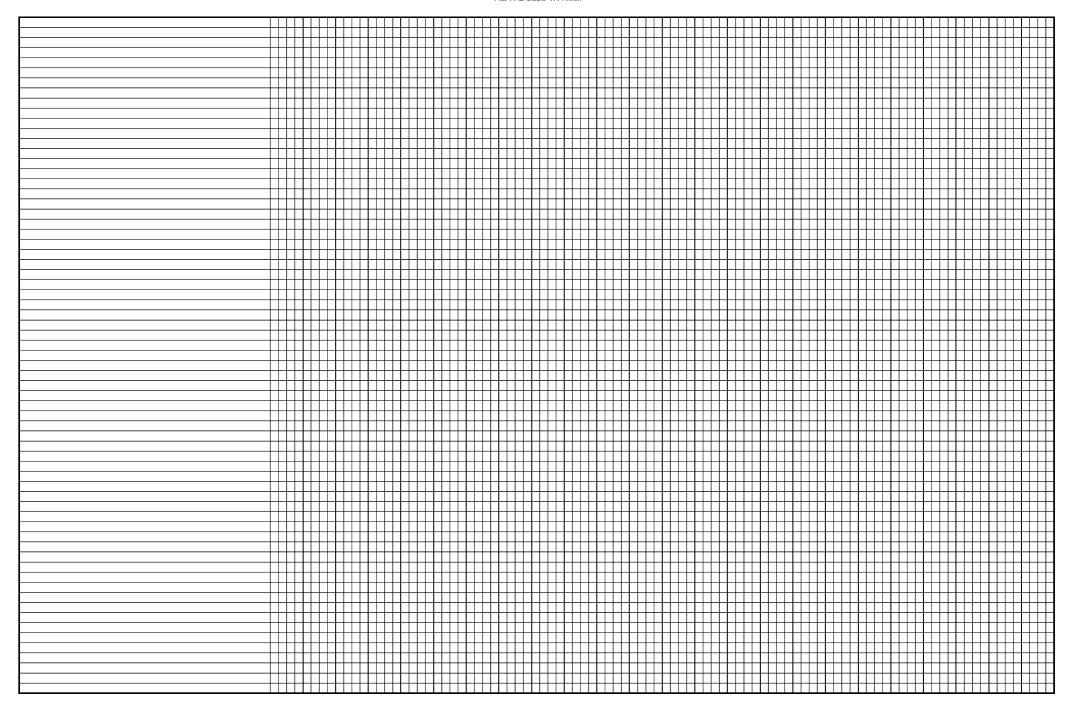
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B*44:59:02, B*44:136		ш	$\perp$		Ш	+	+	$\perp \! \! \perp$		$\perp$	ш	$\perp \downarrow \downarrow$	$\perp \! \! \perp$	Ш		Ш	$\perp$	$\perp \! \! \perp$	ш		Ш		ш		Ш		ш	Ш	Ш	$\perp$	Ш	ш		$\perp$	ш		+	Щ.	ᆜ읩
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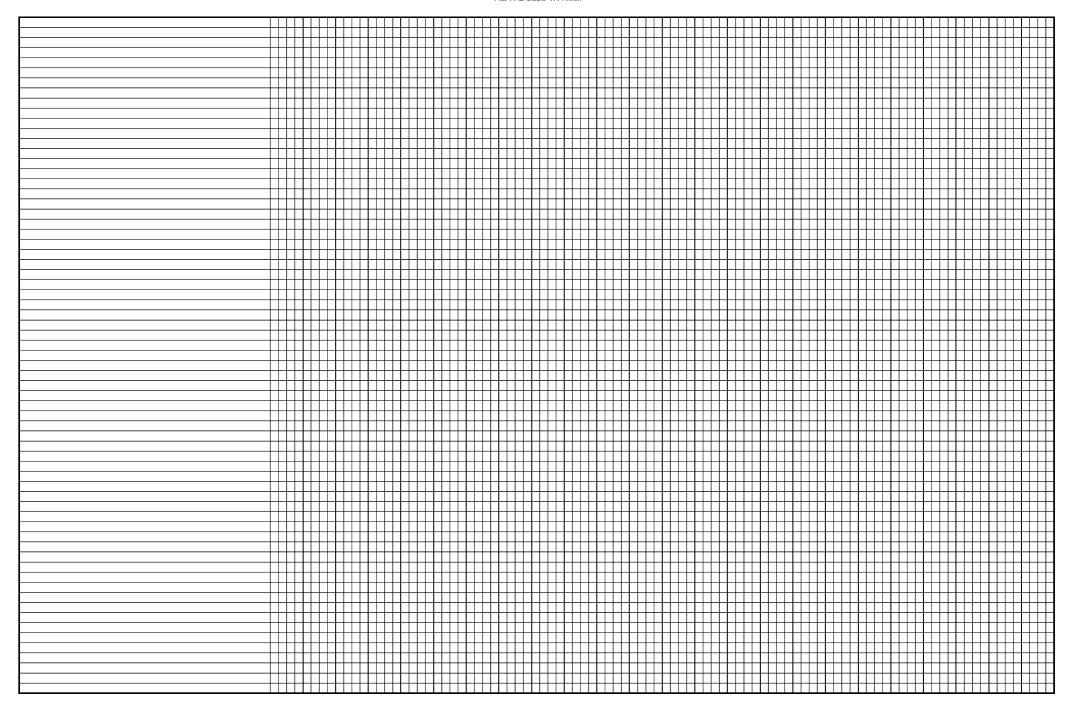


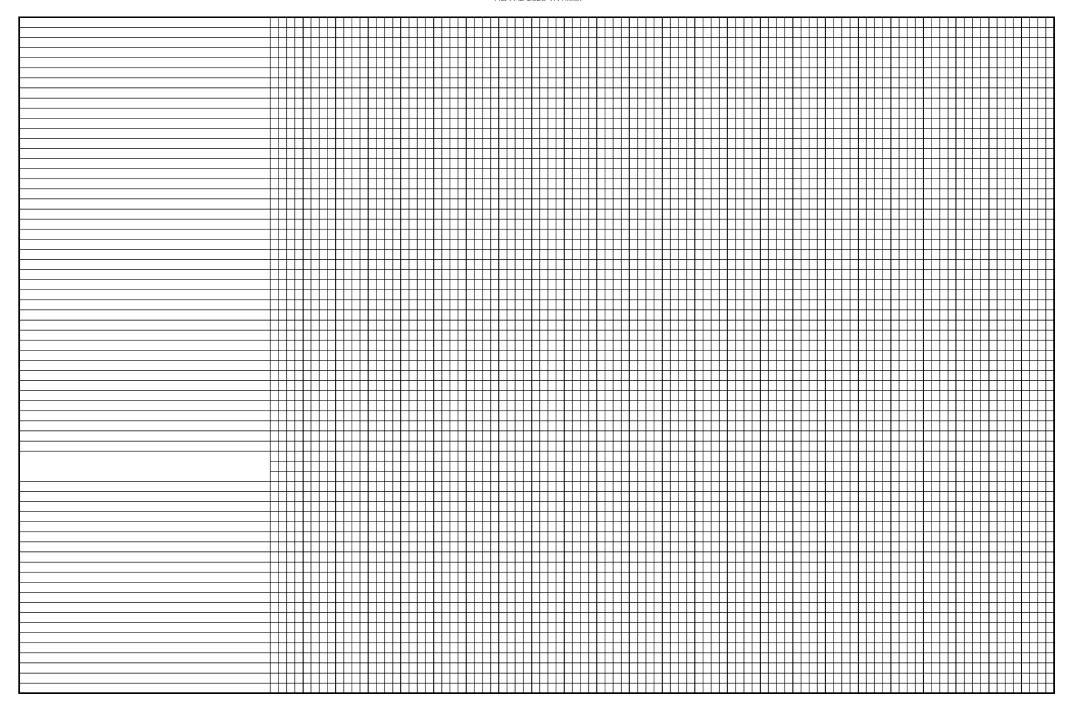


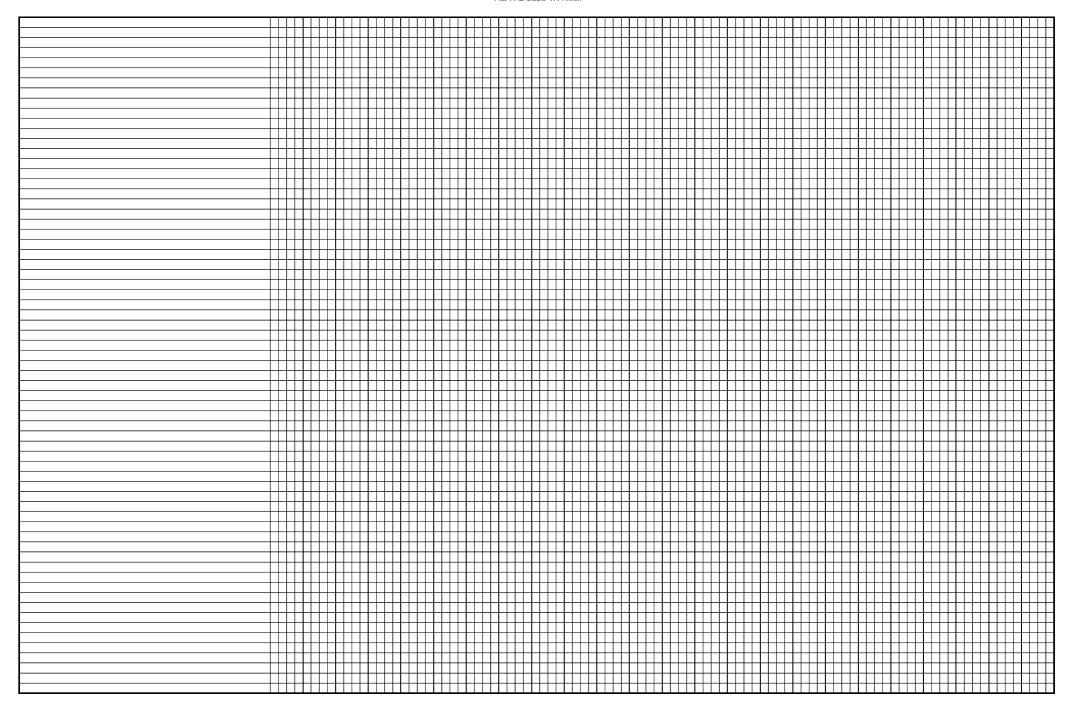


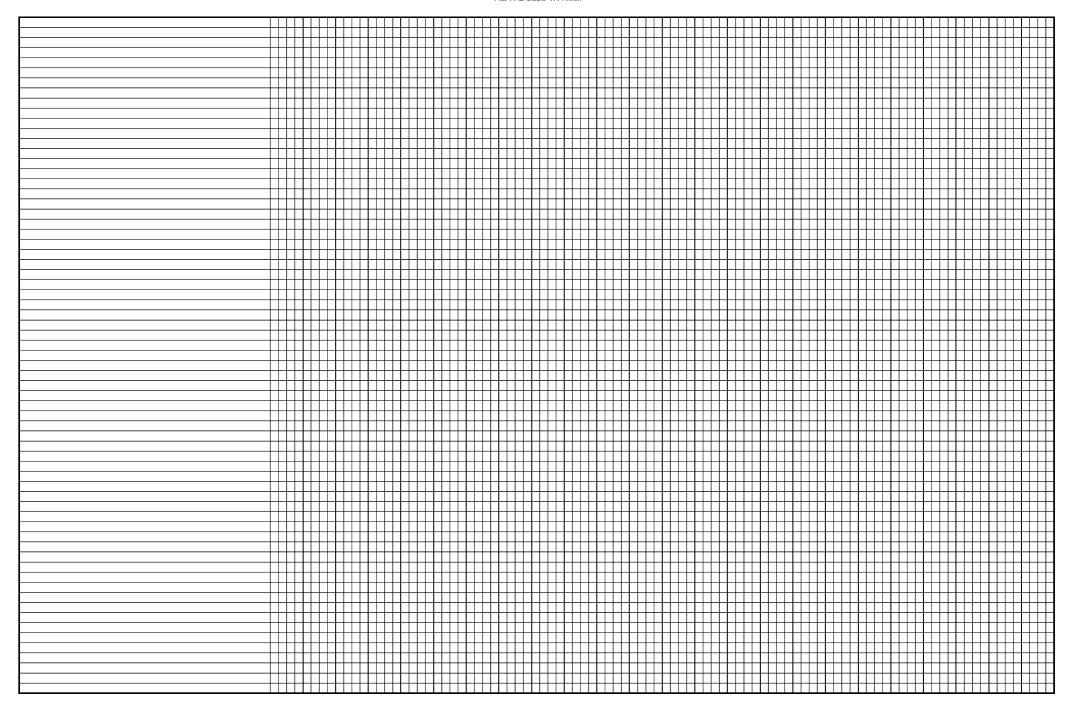


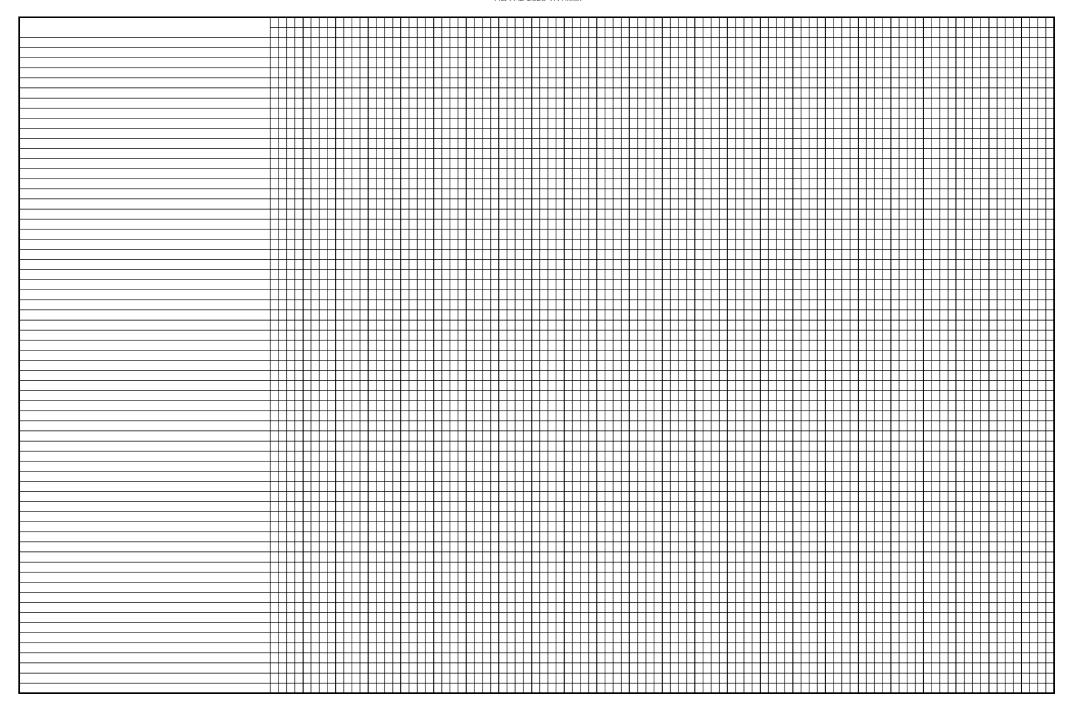


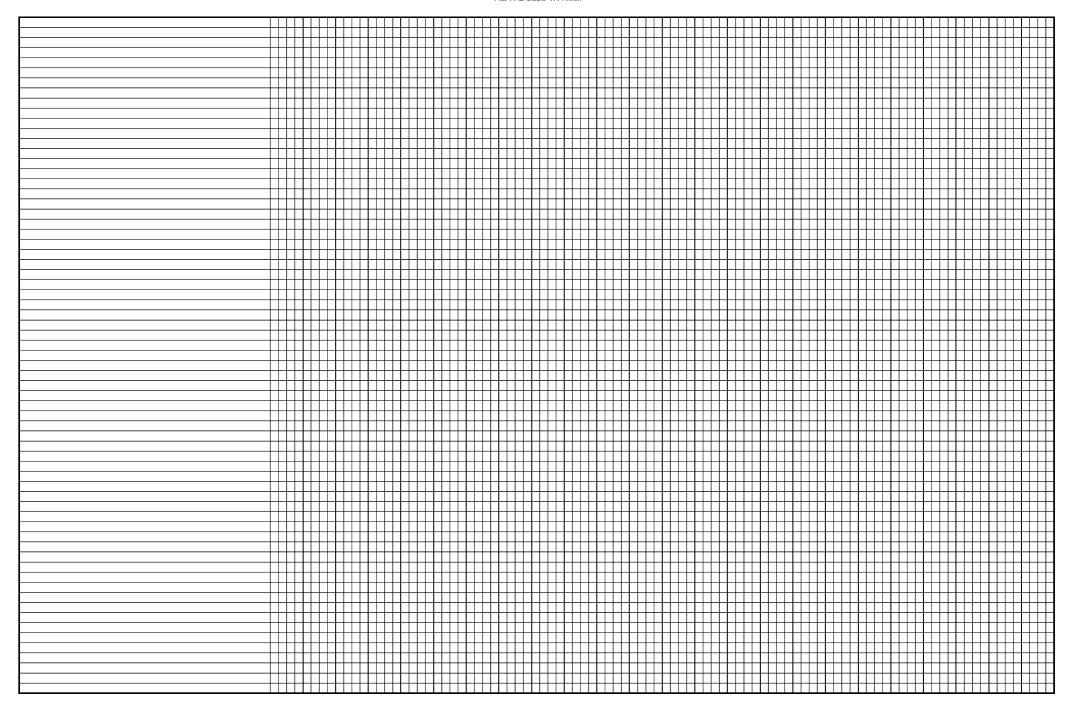


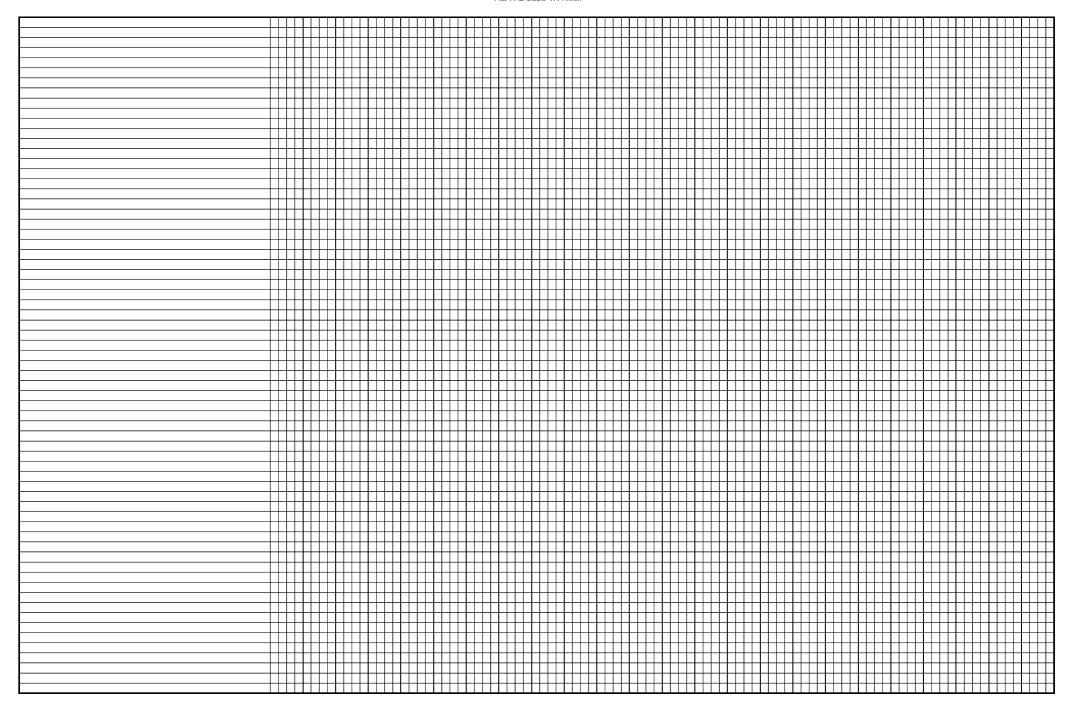


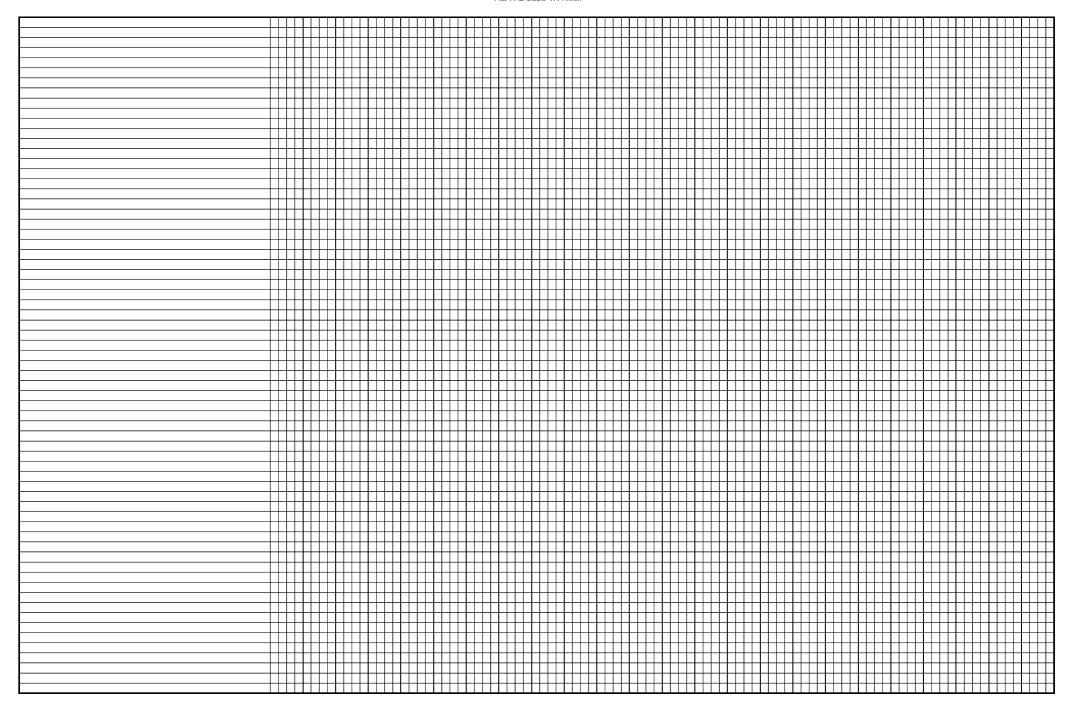


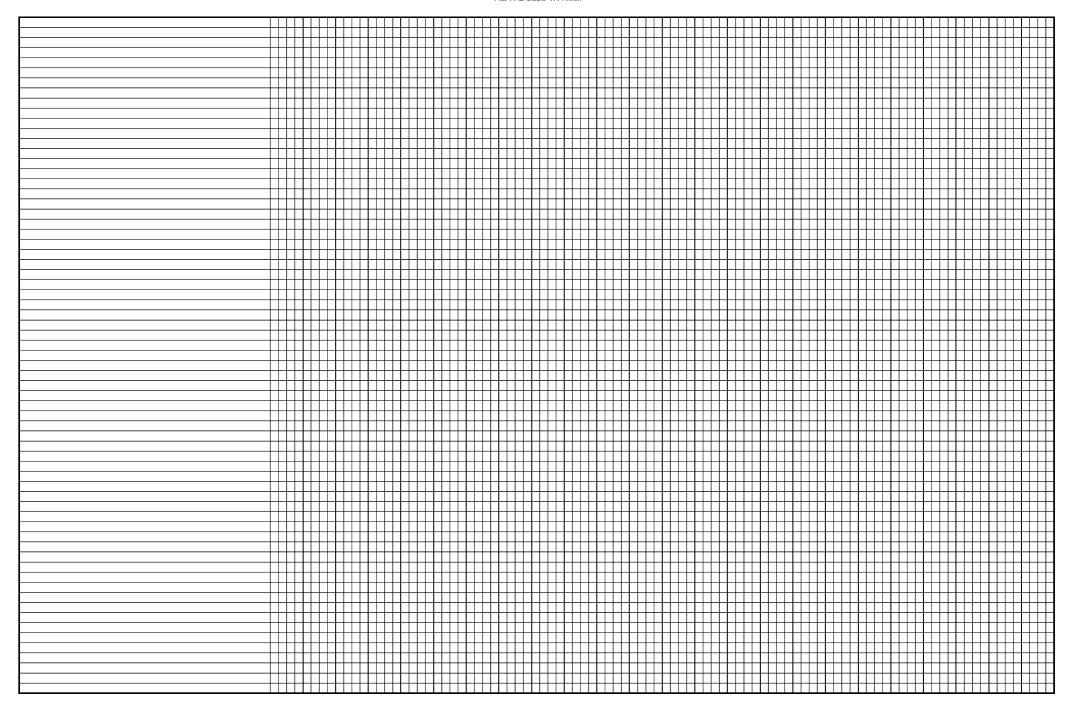


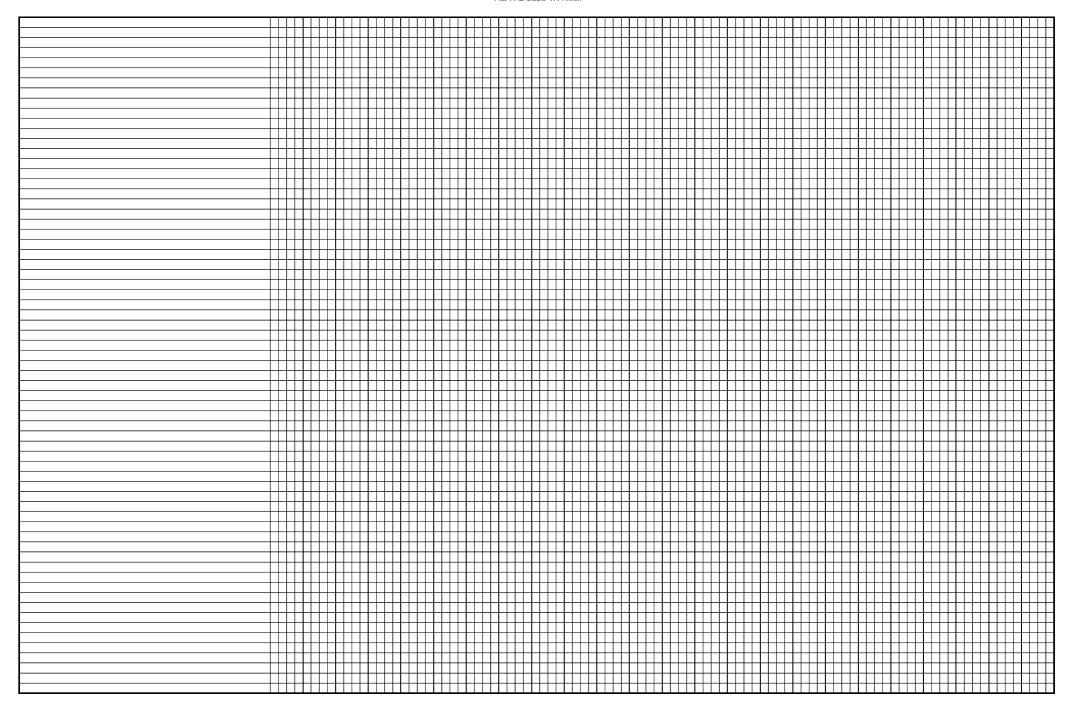


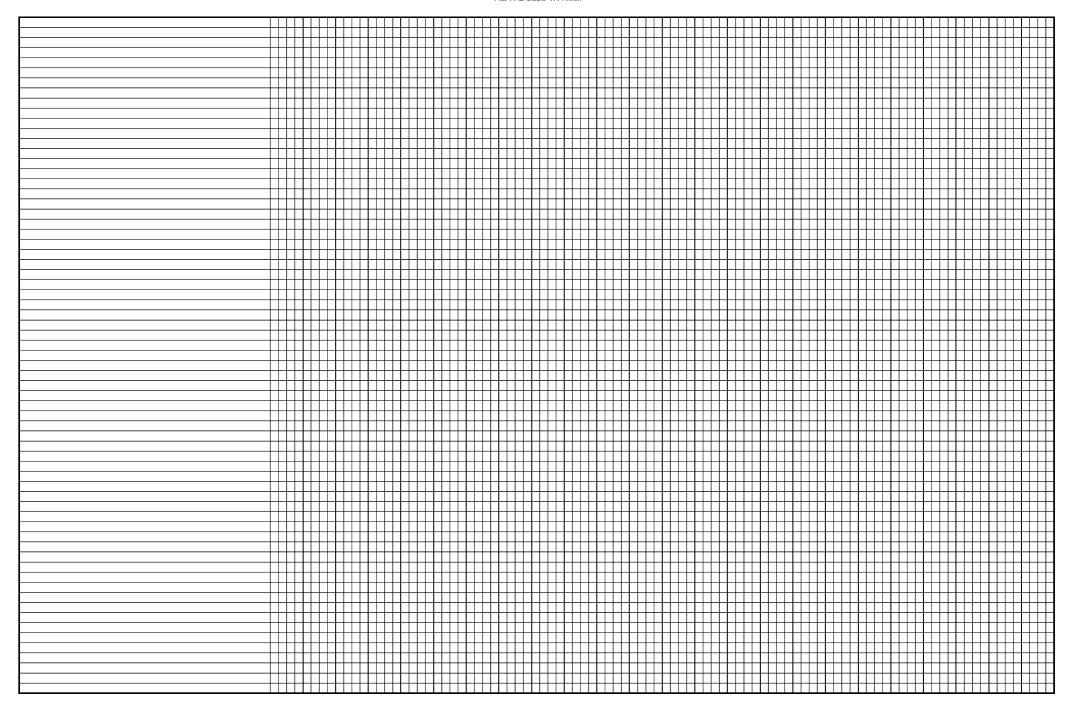


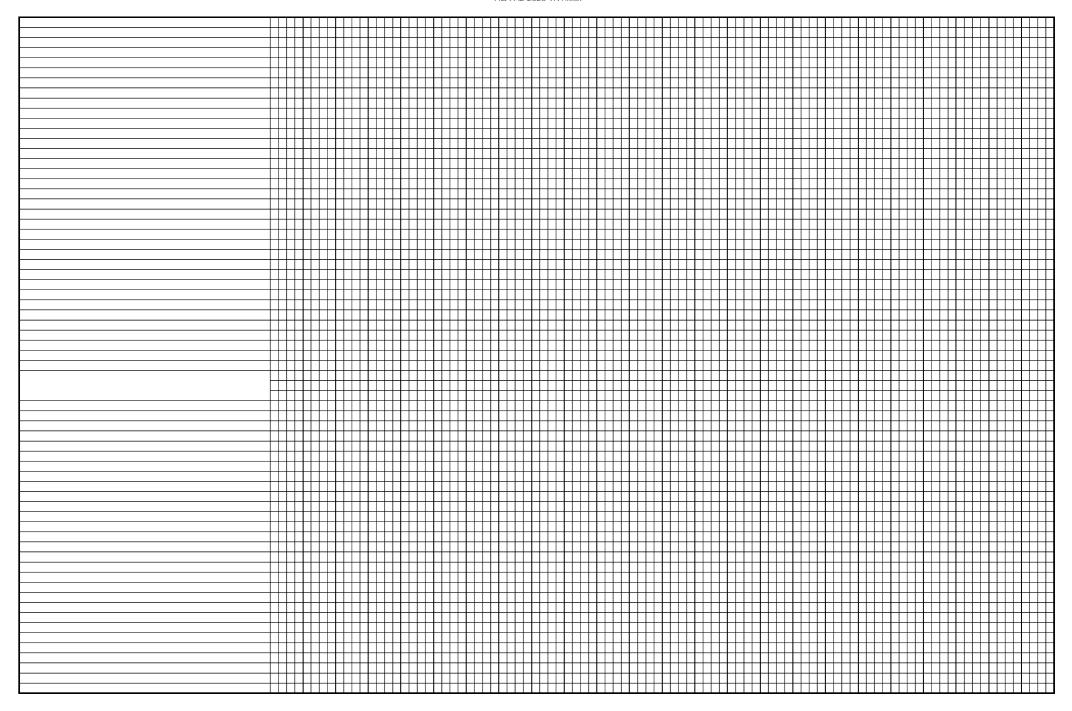


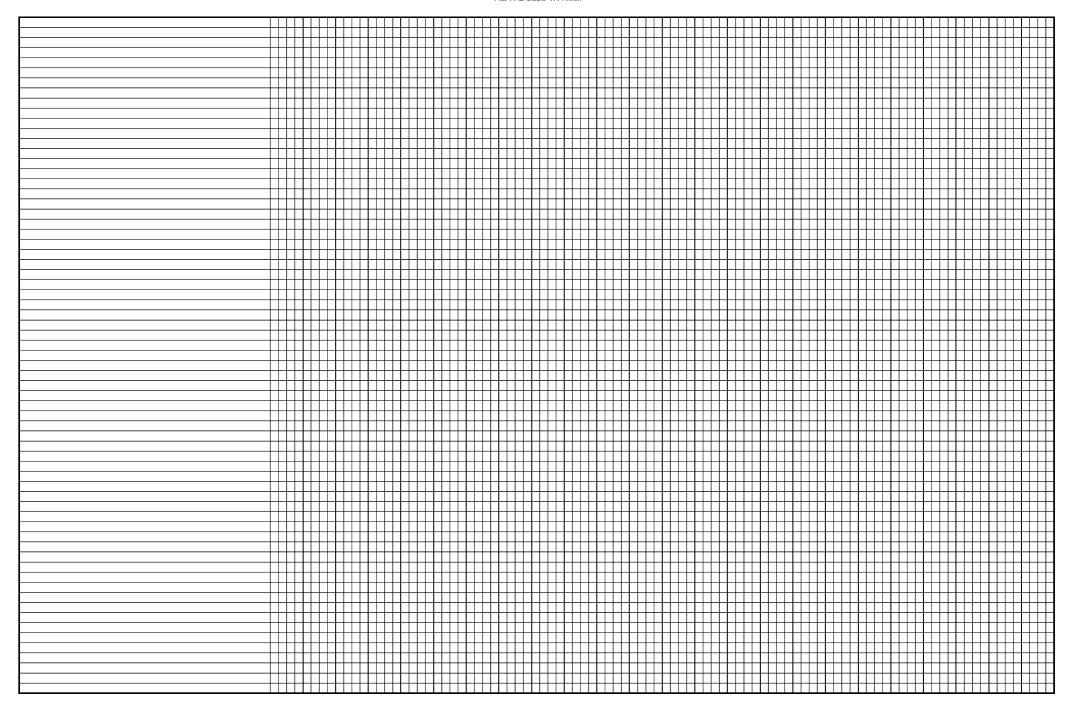


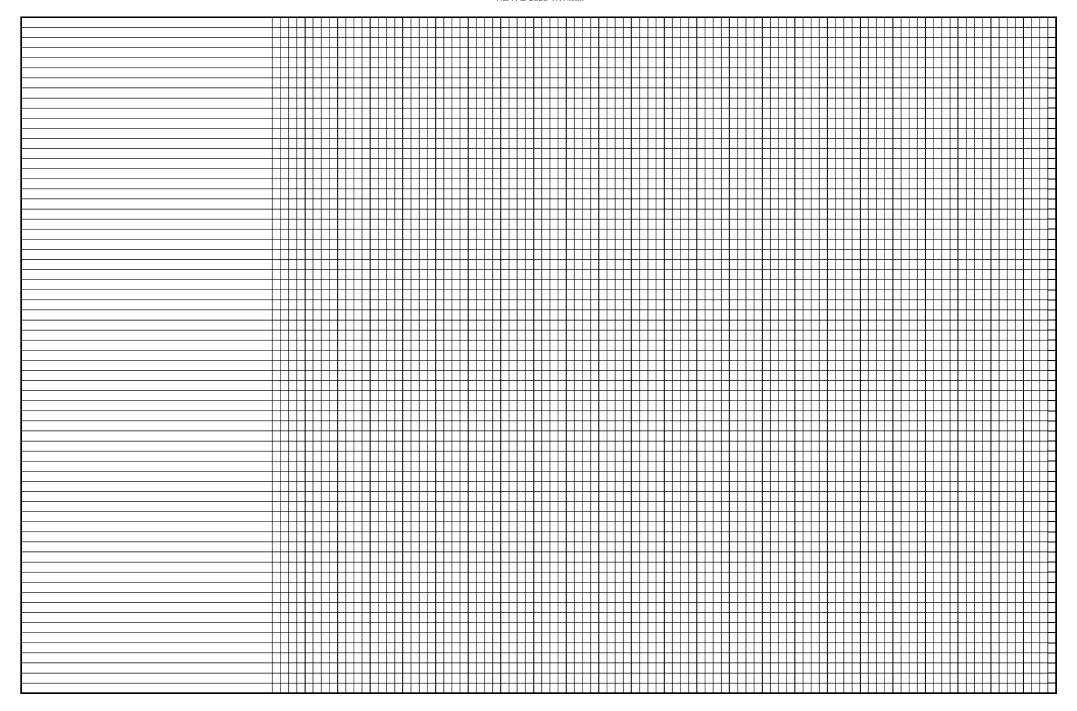












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