

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
√2f-v f j w r s ∞ v r s	954	f γ		-	+	0	0	0	0	=	+	0	=	0	-	0	0	0	0	-	-	+	0	0	0	0	0	0
√2+V v ‡ s f s s w f	955	f γ	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
√r s ∆ γ v j f ‖ r p ‡ s j - L s j ∆ - L	334	n s r ∞			+	-	+	0	0	-	+	+	-	+	-	+	+	-	-	-	+	-	+	+	-	+	-	
√r s ∆ γ v j f ‖ r ‡ γ L - L s L f s s L	917	f γ	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
√r s - γ v j s ∞ r s ‡ s v - L	336	f γ		-	+	=	=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
√r L s s r s s r - L v f v - L	956	n s r ∞			+	-	+	+	+	0	0	+	0	+	=	+	+	-	=	0	-	+	-	0	+	-	+	0
√ j v n s - r n s s L v ∞ p ′ ∆ - L v	1090	j s ≡			+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
√ j n s r s L r - L √2 f s j - L	953	∞ γ r ∞	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
√ j j v L γ s r s L v √ r s ∆ γ v j f r - L v	1110	n s r ∞			+	-	+	=	=	=	+	+	-	+	-	+	+	-	=	=	-	+	-	+	+	-	+	-
√ j L j v j n s r - L f - r v ‡ s s L	1129	n s r ∞		-	+	+	+	=	=	=	+	+	-	+	-	+	+	-	=	=	0	0	-	+	+	-	+	-
√ j L j s v j L j s s L L s j ‡ s L	1117	r ∞	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
√ W j v γ ≡ ‡ s r - L s v ‡ s r - L	744	∞ γ r ∞	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
√ W j v γ s L v j - L w ‡ ∆ - L	857	n s r ∞			+	-	+	=	=	=	+	+	-	+	-	+	+	-	=	-	-	+	-	+	+	-	+	-
√ W j v γ s L r - L w j v γ - L	958	r ∞			+	-	+	-	=	=	+	+	=	+	-	+	+	-	=	0	-	+	0	+	+	-	+	=
√ W j v γ γ r v ‡ s L γ L s j - L	959	‡			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	=	0	+	0	0	0
√ W j v γ L f - r - L s r f ≠ v j - L	349	∞ γ r ∞	-		=	0	0	0	0	=	0	0	0	0	0	0	+	0	=	0	+	0	0	0	0	0	0	+
√ ‡ s f s f ≠ s ∞ - L v ‡ s f - L	960	f γ		-	+	=	=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
∞ - 2 ∆ v n r - s s L v v ‡ s j γ ∆ v	962	r ∞		-	+	-	+	-	-	-	+	+	-	+	-	+	+	-	=	=	-	+	-	+	+	-	+	-
∞ - ‡ γ ∞ - ‡ γ - L γ w j s s r - L	1112	r ∞	-		0	=	+	=	=	+	+	=	+	=	+	+	0	+	0	+	0	+	0	0	0	0	0	0
∞ - ‡ γ j j ∆ - L s j ‡ s L	963	‡	-		+	=	+	+	+	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
∞ - ‡ γ r v L γ ∞ s j - L L s r s ∆ - L	964	r ∞			+	=	+	+	+	=	+	+	=	+	=	+	+	-	=	=	-	+	-	+				

[illegible]

[illegible]

			10 5	10 6	10 7	10 8	10 9	11 0	11 1	11 2	11 3	11 4	11 5	11 6	11 7	11 8	11 9	12 0	12 1	12 2	12 3	12 4	12 5	12 6	12 7	12 8	12 9	13 0
√2f-v f j w≤∞vr≤	954	f γ	0	0	0	0	0	0	0	0	0	0	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
√2+V v† sf s sw f	955	f γ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vr≤Δqv j f r p f s j -L s j Δ-L	334	ns r∞	+	-	+	+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vr≤Δqv j f r† sγ L-L s Lf≤sL	917	f γ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vr≤-γ v j s∞r≤ f s f v f -L	336	f γ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vr L≤ f s r s f -L v f v f -L	956	ns r∞	+	=	0	=	-	+	+	+	-	+	+	+	+	-	-	-	-	+	0	0	+	-	+	-	+	+
√ j v ns - rns sL v ∞/ p Δ-L v	1090	j s≡	+	=	+	+	-	+	-	=	-	+	+	+	+	-	-	-	=	+	=	+	+	+	+	-	+	+
√ j ns r s L r-L √2f s j -L	953	∞γ r∞	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
√ j j v L v s r sL v vr≤Δqv j f r-L v	1110	ns r∞	+	-	+	+	-	+	=	=	-	+	+	+	+	-	-	-	-	+	-	+	+	-	+	-	+	+
√ j L j v j ns r-L f -r v t s sL	1129	ns r∞	+	-	+	+	-	+	=	=	-	+	+	+	+	-	-	-	-	+	+	+	+	-	+	-	+	0
√ j L j s v j L j s sL L s j t s sL	1117	r∞	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
√ W j v γ s v t s r-L s v t s r-L	744	∞γ r∞	0	0	0	0	0	0	0	0	0	0	0	0	0	+	+	+	+	=	+	=	=	+	+	+	-	-
√ W j v γ s L v j -L W t Δ-L	857	ns r∞	+	-	+	+	-	+	-	=	=	+	+	+	+	-	-	-	-	+	-	+	+	+	+	-	+	+
√ W j v γ s L r-L v W j v γ-L	958	r∞	0	0	0	0	0	0	0	0	0	0	0	+	0	-	-	-	-	+	-	+	+	-	+	-	+	+
√ W j v γ r v t s sL γ L s j -L	959	t	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	+	-	0	-	+	+
√ W j v γ L f -r-L s r f s v j -L	349	∞γ r∞	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
v† sf s s f s ∞∞-L v† sf -L	960	f γ	0	0	0	0	0	0	0	0	0	0	+	0	=	0	0	0	0	0	0	0	0	0	0	0	0	0
∞∞-2Δ v nr s sL v f v s j γ Δ v	962	r∞	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	+	-	+	+	-	+	-	+	0
∞∞-sγ ∞∞-sγ-L γ W j s f s r-L	1112	r∞	+	+	+	+	=	+	+	+	=	+	+	+	+	=	=	=	=	+	=	+	0	0	0	0	0	0
∞∞-sγ j j Δ-L j t s sL	963	t	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
∞∞-sγ r v L r γ ∞s j -L L s r s Δ-L																												

		13 1	13 2	13 3	13 4	13 5	13 6	13 7	13 8	13 9	14 0	14 1	14 2	14 3	14 4	14 5	14 6	14 7
√2f-v f j w-s∞vr-s	954	f γ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
√2+ v v† s s s s f	955	f γ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vr s∇j v j f f r p† s j-l s j ∂-l	334	ns p∞	-	-	-	-	-	-	-	+	+	+	-	+	-	-	+	+
vr s∇j v j f f r† s j l-l s l-f s s l	917	f γ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vr-s-γ v j s∞r s f s f v f-l	336	f γ	-	=	=	=	=	-	+	0	0	=	=	+	-	=	=	+
vr l s f s s f s s-r-l v j v f-l	956	ns p∞	-	-	-	-	+	-	+	-	+	+	+	+	-	-	+	+
√ j v ns-r ns s l v r p∂-l v	1090	j s≡	0	0	0	0	0	0	0	0	+	+	+	=	+	-	=	0
√ j ns r s l-r-l √2 f s j-l	953	∞γ r∞	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
√ j j v l v j s-r s l v vr s∇j v j f r-l v	1110	ns p∞	-	-	-	-	+	-	+	-	+	+	+	=	+	-	-	+
√ j l j v j ns r-l f-r-v † s s l	1129	ns p∞	-	-	-	-	+	-	+	-	+	+	+	=	+	-	-	+
√ j l j s v j l j s s l l s j† s l	1117	p∞	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
√ w j v j s v f s r-l s v f s r-l	744	∞γ r∞	0	+	+	+	0	+	0	+	-	=	=	+	=	+	+	-
√ w j v j s l v j-l w† ∂-l	857	ns p∞	0	0	0	0	0	0	0	-	+	+	+	-	+	-	-	+
√ w j v j s l-r-l w j v j-r-l	958	p∞	0	0	0	0	+	-	+	-	+	+	+	=	+	-	-	0
√ w j v j γ-r v† s l-l γ l j-l	959	†	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
√ w j v j l-f-r-l s s f s v j-l	349	∞γ r∞	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
v† s s s s s s∞-l v† s f-l	960	f γ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
∞-2 ∂ v r p∞ s l v f s j γ ∂ v	962	p∞	-	-	-	-	+	-	+	-	+	+	+	=	+	-	0	=
∞-s j ∞-s j-r-l w j s f s r-l	1112	p∞	0	=	=	=	0	=	0	-	+	+	+	=	0	+	=	+
∞-s j γ j l ∂-l j† s l	963	†	=	-	0	-	+	-	0	0	+	+	+	-	0	0	+	0
∞-s j γ-r v l-r γ s s j-l-l s r-s ∂-l	964	p∞	-	-	-	-	+	-	0	-	0	0	+	=	+	-	-	+
∞-s j γ-r v l s s† √2 r-l ∞-s j-r-l	965	√ ∞ l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
∞-s j γ-r v l p† s† l-l f s-r v j-l	966	p∞	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
∞-s j γ-r v l v ∞ s j-l-l s r s l	967	∞ f T	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
∞γ j j f s j† j γ s s j† v j v j	927	f γ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
l v-r s j l s j vr s∇j s s l s j ∂-r-r-l	968	ns p∞	-	-	-	-	+	=	+	-	+	+	+	=	0	0	0	0
l v-r s j l s j s l v j-l p f s l	748	ns p∞	0	0	0	0	0	-	+	-	+	0	+	=	0	0	0	0
l v-r s j l s j ∂ s s r-l ∂ v γ v ∞-l	969	†	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
l v-r s j l s j-r γ s s j-l v l-r-l	970	p∞	-	-	-	-	+	-	+	-	+	+	+	-	+	-	-	+
l v-r s j l s j j s ∂-r-r-l s l v j-l	971	†	0	0														

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[illegible]

$$\leq \frac{H_1}{H_2} + \frac{H_2}{H_3} + \dots + \frac{H_{n-1}}{H_n}$$

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

$$\leq \frac{H_1}{H_2} + \frac{H_2}{H_3} + \dots + \frac{H_{n-1}}{H_n}$$

[illegible]

[illegible]

[illegible]