

**HAMPSHIRE COUNTY  
PERSONAL PROPERTY TAX BOOKS  
1782-1807, 1809-1851  
(NOW IN WEST VIRGINIA)**

1788 Personal Property Tax Records for Hampshire County, Virginia

"Auditor of Public Accounts. Personal Property Tax Books.

Hampshire County, 1800-1814," microfilm no 134,

viewed onsite at Library of Virginia,

800 E. Broad Street, Richmond, Virginia 23219, (804) 692-3500,

<<http://www.lva.virginia.gov/>>.

**HAMPSHIRE**  
**COUNTY**

**Personal Property**

**1788**

*A*

A List of the property Tax  
- Within the District of Isaac Bealle  
Commissioner in the County of  
Hampshire for the year 1788  
Gam<sup>d</sup>

N<sup>o</sup>. 2  
11

5260

a List of the Property Tax  
Within the District of Marquis  
Calmes Commissioner in the  
County of Hampshire

1790

1790

Dates  
17<sup>th</sup> Dec

Persons Names

Whitson 16

Whitson 16

Whitson 12

Whitson

Whitson

Notes of Camp

David Allen	1			2		
Robert Allen	1			1		
John Ambrose	1					
Mathew Adams	1			1		
Thomas Anason	1			4		
John Adams	1			1		
Thomas Allen	3			6		
Joseph Abbot	1			2		
William Adams	1			4		
John Armstrong	1					
John Acton	1				1	1 <sup>st</sup>
Richard Acton	1			3		1
Darby Aughney	2	2		7		1
Thomas Aldridge	1					
Thomas Anderson	2			5		
William Anderson	1			1		
William Anderson	1			1		
Josiah Anderson	1			3		
Benjamin Ashley	1	1		2		
Jonas Ashley	1			2		
Hugh Ballentine	1			3		
David Bushley	1			1		
Richard Bunsaler	1			1		
John Bartschoupe	2			3		
Benjamin Brady	1			1		
Isaac Brocard	1			1		

Dates  
1788

Professors Names

	White Corn No	Black Corn No	Wh. Corn 12	Hoops	Red Hoops	Extra (low)
John Berry	1					
Robert Brough	1			4		
Anthony Bush	1			2		
George Bowman	1					
George Beard	2			2		
Samuel Bonniwell	3			13		
Isaac Berry	1			4		
Walter Burt	1			1		
Thomas Duffington	1			4		
William Bell	1					
Edward Bethel	1					
David Brown	1					
Hammer Barton	1			3		
Joseph Boardman	1			2		
Richard Boyce	1	4	1	16		
Nicholas Boyce	1			1		
Joseph Berry	1			1		
Peter Beach	1			3		
Zachariah Bonham	3			3		
Henry Brewer	1			1		
William Duffington	1			4		
Joseph Duggs	1			0		
George Beatty	3			4		
Robert Batty	1			2		
John Blew	3			9		
William Blackburn	2			1		
James Barber Junr	1			6		

Dates  
1700

<sup>3</sup>  
Persons Names

Wites above 16

Slaves above 16

Slaves above 12

Hours

Stud Hours

Value of Cows

William Beaman	1			5		
Michael Blew	1	1		9		
Garret Blew	1			6		
Thomas Bond	1			2		
John Bowman	2			3		
John Baker	2			5		
John Bapoe	1					
Priesty Brown	1					
John Barnes	1					
Benjamin Belford	1					
John Blew	1			9		
Uriah Blew	1	2		0		
Joseph Bute	1			4		
Michael Brookhart	1					
Josef Barnet	1					
Thomas Brown	1			2		
Matthias Brandenburg	2			6		
Edward Balis	1			2		
James Bogel	2			3		
Joel Buffington	1			9		
John Brown	1			2		
John Cuppy	2			7		
John Cuppy Junr	1			1		
David Chapel	1			2		
Annanias Conklin	1			2		

3

07

Dates  
1788

<sup>4</sup>  
Persons Names

	Wages above 16	Wages above 16	Wages above 12	Wages	Head Money	Rate of Duty
Thomas Cooper	1			6		
Andrew Coar	1			4		
Stephen Colwin	1			8		
John Campbell	1			1		
Andrew Cooper	2			1		
James Clarke	2			3		
John Coburn	1			1		
Thomas Curson	1			2		
Peter Cusick	3			1		
Margaret Colson		3		5		
William Clarke	1					
Stephen Clarke	1			2		
William Cook	1			1		
Daniel Conner	3			4		
Nicholas Casey	1	2		9		
David Codr	1			1		
John Campbell	2	1		5		
Abell Croghly	1			3		
James H. Claypoole	2	2		8		
Robert Cox	1			1		
George Coon	1			4		
Peter Carbaugh	1			3		
Sanford Carder	1			4		
Robert Coleman	1			2		
		8		19		



Date  
1780

Persons Names

Whitburn 16  
Whitburn 16  
Whitburn 12  
Horse

St. Ann

St. George

Matthew Bastub	1			1
James Cabell	1			2
William Curlett	1			1
William Campbell	2	1		5
James Collins	1			2
George Carruthers	3			5
Agias Crook	1			1
John Crook	1			1
Barney Barnes	2			2
Henry Carter	2			4
John Cox	1			3
Michael Cresap	2	4		13
Adam Crifler	1			2
Joseph Cuyper	1			2
Archibald Campbell	1			2
Edward Cochran	1			2
Elisha Collins	1			2
William Champ	1			1
Robert Colvin	1			2
Thomas Collins	1			1
John Campbell	2			2
Steven Dean	1			1
Perez Drew	2	4	1	13
Joseph Darlington	1			1
James Donaldson	4			4
James Daurherty	1			2
Jonathan Down	1			1
Peter Danford	1			2
	10	1		29

Dates  
1700

Persons Names

	White No	Black No	Black No	Horses	And Lovers	Notes (if any)
Lewis Bay	1					
John Dowden	3	3	2	5		
Thomas Deen	1			4		
John Dickson	1			1		
Garret Davis				3		
John Duber	1	2		11		
James Dale	2			6		
Samuel Bayley	1			1		
Samuel Davis	1			2		
John Deaton	1			2		
Garret Deaton	1			1		
Barton Davis	2			3		
Augustus Davis	1			2		
William Durbin	1			2		
Jacob Dull	2			2		
John Douthwait	2			0		
John Douthwait Jun <sup>r</sup>	2			3		
Leah Douthwait	1			1		
John Furbelt	2			2		
William Bayley	1			5		
Samuel Sew	4	2		15		
Francis Dunlar	1			1		
Henry Deen	1			4		
Nathan Deen	1					
William Dawson	1			2		
Gideon Dunham						
Thomas Deen	2	1		6		
		8	2	30		

Dates  
1788

7  
Persons Names

Walter 16

Shubert 16

Shubert 12

Flowers 7

Shubert 16

Dates of (any)

William Dudley	1			5	
James M'Donogh	1			3	
Walter Davis	1				
William Dobson	1			5	
John Dunlavy	1				
William Durlin	1			2	
Jacob Burr	2		1	4	
Charles Duryea	2			3	
John Duryea	1			2	
William Benny	1			2	
John Dorsy	2	4		7	
Isaac Deaton	1			3	
John Erskam	1			5	
Edward Emory	2			7	
Jarret Erwin	1			2	
John Eghie	1				
Jacob Erskam	1			3	
Simon Erskam	1			1	
Isaac Edwards	1	1		2	
William English	1			2	
Thomas Early	2			3	
Jonathan Edwards	1			1	
Jacob Fidler	1			4	
Gabriel Fox	1			1	
George Fidler	2			4	
Edward Faithorn	1				
William Fitzgerald	1				

5 1 71

Dates  
by 1800.

8  
Persons Names

	Walden #	Blackburn #	Walden #	Hours	Sh. Hours	Total of [unclear]
Ela Frits	1			1		
William Fox	1	1		9	1	10
John Farley	2			2		
James Humming	2			6		
Fredrich Kniff	1			2		
John Forman	2	2	1	6		
John Forman jun <sup>r</sup>	1	5	2	15		
Joseph Francis	1			1		
James Ferguson	1			2		
Nathaniel Fern	1			1		
Isaac Fern	2			3		
Robert French	1			1		
Simon Fields	1			2		
William Forman	1		1	4		
Isaac Good	2			3		
Abraham Good	1			1		
Peter Good	1			4		
Abraham Good	2			1		
Friend Gray	2			3		
James Gunt	1					
James Giddens	1			2		
George Glaze	1			0		
Conrad Glaze	1			4		
Abner Glaze	1			2		
Andrew Glaze	1			5		
Ruth Gloom	1			5		
Alphens Gustin	1			2		
Christopher Givins	1			2		
Rayan Gibbons	1			6		

0 4 57 1 1/2 - 10

Dates  
1700

9  
Persons Names

	March above 16	March above 16	March above 16	Hours	And Hours	Date of Coming
Ephraim Harriot	2			4		
John Hough	3			4		
Henry Hawk	1			5		
Benjamin Hufferman	1			3		
William Howell	1			4		
Henry Hufferman	1			2		
Daniel Hopkins	1			1		
Philip Hursman	1			2		
Thomas Hanson	1			1		
Adam Hall	1			2		
Smith Hansbrough	3	1	1	1		
John Hansbrough	1			1		
Jonathan Howell	1			2		
William Hargis	2			4		
Benjamin Neal	1	1		1		
Thomas Hubbs	4			2		
James Hall	1			2		
Henry Hazel	2			4		
William Huff	1			1		
George Heruman	1			3		
Matthews Heruman	1					
Thomas Hollobach	2			5		
Christopher Heruman	1			2		
Mark Harden	3			6		
Cornelius Hogan	2			9		
Richard Hicks	1					
Thomas Holland	1					
Reuben Hedger	1			1		
	2	1		79		

Dates  
1700

10

Persons Names.

	March 16	March 16	March 12	Hours	Next Hours	Value of County
Jonathan Hager	1			1		
Abraham Hechtick				2		
Thomas Hainey	1					
Sary Hill	1			2		
Jacob Herndon	1			2		
Adam Hardoff	1	1		12		
Conrad Huffman	3			4		
Henry Huffman	1			4		
Gasper Hill	1					
Henry Hartman	1			3		
Russolph Hiley	1			2		
Andrew Himes	1			5		
Jacob Humphreay	1			1		
John Huff	1			1		
Joseph Hall						
Eliay Hatheray	2			3		
Ralph Humphreay	2			0	✓	25/
Thomas Halffmann	1					
Henry Himes	1			1		
Abraham Baldwinman	1			2	1	10/
Michael Hutter	2			4		
Joseph Houze	1			2		
John Houze	1			4		
George Hendricks	2			2		
Joseph Hall	1			4		
Joseph Hill	1			2		
James Inskiff	1			5		
	2		76	2		11.17

Dates  
1700

Persons Names

	March 16	March 16	March 12	Apr	Mad Hoys	total of 1700
Prothain James	1			2		
Phay Johnson	1	1		16		
Thomas Jones	1			1		
David Jones	1			3		
John Jones	6			16		
Peter Jones	1			2		
Solomon Jones	1			3	1	11/6
Peter Jones	3			5		
William Johnson	1	1	1	6		
Abraham Johnson	1	1		2		
Abraham Johnson Junr.	3	2		7		
William Johnson	3			8		
John Johnson	1			1		
Isaac Johnson	1			3		
Catherine Johnson	1			3		
Samuel Jones	1			3		
Joneway Jordan	1			2		
Samuel Jordan	1			1		
Thomas Jones	1					
William Jarey	1	2		5	1	20/
Hugh Jones	1					
John J. Jacob	2			17	1	12/
Robert Jarvis	1			2		
William Jacob	1					
John Johnson	1			1		
Joseph Johnson	1			1		
	5	3	110	37	2	28, 6

Dates  
1700

12  
Persons Names

	White Oxen N <sup>o</sup>	Black Oxen N <sup>o</sup>	Black Cattle	Horses	And Swine	Value of Carg
William Kircho	1			2		
Isaac Kent	1			6		
John Kent	1			1		
John Kimberlin	2			1		
Nath <sup>l</sup> Kuykendall	3	4		24	1	10/
John Kelt	1			6		
John Kuykendall	1	1	1	3		
Henry Kuykendall Junr	1			6		
Abraham Kuykendall	1			3		
William Kiger	1			3		
Samuel Kite	1			3		
Henry Kites	1					
John King	1			3		
Jacob Kuykendall	2			2		
John Kuykendall	1			2		
George Kiger	2			6		
Joseph Killy	1			1		
Henry Kuller	1					
Nikolas Leatherman	1			4		
William Lewis	3			4		
Charles Lander	1		1	5		
Thomas Lawton	1	4	4	6		
Moses Lawton	1			3		
David Laycock	1					
Henry Leter	2			5	1	7/6
Leonard Ludwick	1			2		
John Luf	1			4		
John Lewis	2	1		4	1	18/
	10	6	109	31	11	9, 6



Dates  
1788

13

Persons Names

White above 16

Black above 16

Black above 12

Slaves

And Horses

Value of Property

Samuel Lewis	1			5		
William Lewis	1			1		
John Lewis Junr	1			5		
Catherine Clatts	1			3		
Joseph Sajer	2					
William Linton	2			3		
William Linton	2			3		
Asa Lake	1					
Jacob Long	1			0		
Isaac Lawrence	1			2		
James Lewis	1			2		
William Lockwood	1	1		8		
William Longbury	1			2		
John Lyons	1			4		
David Long	1			4		
George Miller	3	1		5		
George McCoy	1			1		
Michael Miller	3	1		3		
Isaac Means	1			5		
William McGuire	2			9		
Barnet Monagal	1			2		
John Murphy	1			1		
John Murphy Junr	1			1		
John Marley	1			1		
Charles Melton	1			2		
Daniel McLaughlin	1			5		
Daniel McLaughlin Junr	1			4		
		3		80		

Dates  
1788

14  
Persons Names

	Whits above 16	Whits above 16	Blacks above 12	Horses	Stud Horses	Value of breeding
Abraham Menier	1			2		
Edward Murphy	1			1		
John M. Cullough	1			2		
James Martin	1			2		
Philip Maden	2			2		
William Martin	1			1		
James Martin	1			5		
Hugh McCarty	1			1		
Henry Mills	1			4		
James Murphy	1	0	1	4		
John M. Shanley	1					
Henry Miller	1			1		
John M. Cartney	2			5	1	12/
Henry Huntzman	1			3		
Henry McWhorter	1			1		
Isaac Miller	1	3		16		
Benjamin M. Linley	1			1		
Abraham Milfer	1			4		
John Miller	2			4		
John Miller Junr	2			4		
Thomas Mascubbin	2	10	7	10		
Richard Magruder	1	1		3		
James Mahan	1			3		
Charles M. Carty	1			1		
Elizabeth Mahan	1			5		
James Murphy	1			2		
William Monday	1	1	1	2		
	15	3	8	85	1	12/

Dates  
1700

15

Persons Names

	Whites above 16	Blacks above 16	Blacks above 13	Horses	Head of Cows	Corn in Stacks
John Miller	1					
John Mitchell	2			5		
Christopher Musselman	1			3		
Peter M. Donald	1					
John M. Laine	1			1		
Jonathan Matthews	1			1		
Aaron Martin	1			3		
Samuel Martin	1					
Thomas Memaster	1					
Uriah Martin	1			5		
John M. Brice	3			2		
Henry Miller	1			2		
Abraham Mosler	1			1		
Hugh Malone	1			1		
Edward M. Carty	5			7		
William Monday	1	1		3		
Frederick Mythena	1			2		
Francis Myers	3			4		
William M. Cheoney	1			3		
Michael Meehan	1			2		
James Mitchell	1			4		
James Moils	2			3		
William Norman	1			6		
Peter Noel	1			4		
Benjamin Norman	1			2		
	1			62		

Dates  
1788

16

Persons Names

	Whites above 16	Blacks above 16	Blacks above 18	Horses	And Horses	Rating of Lower
John Norman	1					
Solomon Newman	1			3		
Doct <sup>r</sup> . Adam Neff	1			2		
Christiana Neff	2			2		
William Neill	1			1		
Isaac Newman	1			5		
Nicholas Noel	1			2		
George Norman	1			3		
Henry New	1					
Peter New	1			1		
Jacob New	1			6		
John Newman	2			6		
Henry Neff	1			1		
Arthur Charria	2			1		
John Cole	2			2		
Williams Cole	1			3		
Richard Cole	1			3		
Peter Chier	1			1		
Job Parker	2			5		
Benjamin Parker	1					
Henry Purget	1			3		
John Plumb	2			5		
Peter Putman	4			7		
Jacob Parker	1			1		
John Price	1			4		
				67		

Dates  
17<sup>th</sup> Oct

17  
Persons Names

	Blacks above 16	Blacks above 16	Blacks above 12	White	And Stripes	Rates of Corn
Benjamin Parker	1			6		
James Parker	1			3		
Robert Parker	2	4	2	15		
Abewellin Pirie	2			4		
Joshua Pensonel	2			1		
Jacob Plank	1			1		
Adam Plank	2			4		
Andrew Plank	1			1		
Abraham Peters	2			3		
Benjamin Pirie				3		
Absalom Parker	1			2		
Jacob Plough	1			2		
Thomas Plummer	3			2		
Jacob Purget	1			10		
Nathaniel Parker	4	7	3	19		
Felte Purget	2			6		
Nathaniel Parker Jun <sup>r</sup>	1	2		6		
John Pierceall	1	3		7		
Thomas Plummer	2			3		
Nathaniel Parker	1			3		
John Parker	1			5		
Benjamin Panter	1			2		
Benjamin Puruel	4			3		
Jonathan Puruel						
George Britshard	1			3		
Isaac Parsons	1	2		7		
	18	3	3	121		

Waters  
1788

18

Persons Names

Waters above 16

Blacks above 16

Blacks above 12

Horses

Stud Horses

Waters of Country

John Popejoy	1				
Daniel Plough	1			1	
David Potts	1			1	
Peter Peterson	1	2		0	
John Pancake	2			5	
John Paugh	2			2	
Matthew Pignam	1			2	
Amos Pettitt	1			1	
Robert Parker	2	2		2	
William Rogers	2			0	
Jacob Reasoner	3	1		5	
Hendrick Rafboom	1			2	
Andrew Redruch	1			3	
John Rinker	1				
George Riley	1			1	
William Rogers					
Andrew Robinson	1				
Samuel Ravenscraft	1			3	
Robert Renalds	1			4	
William Renalds	2	1	2	9	1-12/
John Renalds	1			4	
Robert Rofs	2			4	
Benjamin Reeves	2	3		4	
Alexander Reeves	1			4	
Thomas Rhodes	1			2	
	9	2	75	5-12/	

Notes  
Dates  
1788

19

Persons Names

	White above 16	Black above 16	Black above 12	Horses	And Horses	Value of Cows
Edward Robinson	1					
Petrus Pily	1	1		3		
Edward Piffy	1					
Sagorus Ryan	1			3		
John Ryan	1			6		
Gideon Reasoner	1			1		
Francis Ravenscroft	1			2		
John Ravenscroft	1			3		
William Ravenscroft	1			1		
Louder Roberts	1			2		
Cotter Ravenscroft				1		
John Rush	1			2		
Lewis Rush	2			1		
Roger Robinson	1			1		
Andrew Ryly	1					
Thomas Raw	1			0		
William Rogers	1			2		
John Ralls	2			2		
Reuben Redden	1	2		4		
Marion Rice	1			2		
Michael Shute	1			2		
Robin Sprigg	1			2		
Henry Stever	1			1		
Andrew Smalley	1			3		
Jacob Spiker	1			3		
Jacob Spiker Junr	1			1		
John Stagg	2			10		
		3		64		

Dates  
1700

20

Persons Names

	Whites above	Black above	Black above	Horses	And Horses	Rest of County
John Snider	1					
William Smith	2			2		
George Smith	1			1		
Jacob Snoch	1			6		
Raymond Stanton	1					
John Smith	1			2		
Eze Sharpless	1			3		
James Spelman	1					
William Spelman	1			2		
John Scott	1			3		
Samuel Shrant	1			2		
Jacob Stagle	1	2	1	0		
Silas Simpkins	1			1		
Thomas Steward	1			3		
John Stearman	1			2		
Richard Stearman	1					
John Spitzthorn	1			1		
Benjamin Steward	1			1		
Isaac Stoby	1					
Michael Shuts	1			2		
John Spizer	1/2			2		
Rubard Swensen	2			2		
Jonathan Shepard	1			2		
Abraham Stauts	2			5		
John Smith	1					
John Stallop	1			4		
Joseph Terntchfield	1			1		
		2	1	58		



Date  
1700

21

Persons Names

	White above 16	Black above 16	Black above 12	Slaves	Ind Slaves	Rate of Bond
Jonathan Shepard	1			2		
Andrew Smalley	2	2		6		
Raymond Spanton	3			6		
John Sands	1					
Tunis Swick	2			5		
Jeremiah Sullivan	1			1		
Patrick Savage	1			1		
Moses Starr				2		
John Sheppard	1			2		
Benjamin Sheppard	1			2		
John Swaps	1			1		
Richard Stafford	1			1		
Jacob Throssard	1			4		
Christian Stevens	1			1		
Solomon See	1			2		
Joseph Surgen	1			2		
Daniel Stover	1			4		
Anthony Thawther	2			5		
John Smith	1					
William Skidmore	1					
Andrew Sisk	1			3		
Seroy Smith	1			1		
John Sheep	1			4		
Jacob Sinks	2			1		
John Savage	2			5		
Nicholas Savours	1	1		7		
	3			64		

Dates  
1788

22

Persons Names

White above 16

Black above 16

Black above 12

Slaves

Slaves

Dates of Birth

John Smith	1			4		
Abraham Shanton	1			2		
Joseph Shanton	1			1		
Lambert Thompson	1					
Samuel Trotton	1					
John Titus	1					
Thomas Thompson	1					
William Turner	1			1		
Michael Tangle	1					
Abraham Thompson	2			3		
John Thompson	1			3		
George Taylor	1			2		
Nicholas Tevault	1			5		
James Tarpley	1			3		
Sylvester Tipton	1			2		
David Thompson	2			4		
Isaac Thompson	1			2		
George Turry	1			4		
Stephen Thayer	1			1		
George Thayer Junr	1			2		
John Thompson	1			1		
Thomas Taylor	1			1		
Andrew Thorp	1			1		
John Taylor	1	2	1	9		
John Taylor Junr	1	4	1	7		
Simon Taylor	1	2		4		
Simon Taylor	1			2		
	8	2	06			

Dates  
1700

23

Persons Names

Mt. Vernon 16

Charleston 16

Charleston 12

Major

And Hours

Total of Count

George Utts	1			1		
Peter Umsted	1			3		
William Vaupe	2	1	1	9		
William Vandewear	1	6		19		
William Vandewear Jun <sup>r</sup>	1			3		
Lewis Vandewear	1			2		
John Vanhook	1			1		
Isaac Vanmeter	2	3		11	1	16
John Vandewear	1			1		
Isaac Worstel	1			1		
Michael Waxler	1			1		
Andrew Woodrow	4	2		4		
Robert Walker	3					
Beneger Williams	1			2		
Eckiel Whitman	3			1		
John Williams	2			1		
Adam Wife	2			4		
George Wolfe	1			1		
John Walker	1			5		
Stephen Ward	1			4		
James Watts	1			1		
John Wells	1			1		
David Wolf	1			3		
David Williams	1					
John Warron	1			1		

12 1 80 14 161

Dates  
1788

24

Persons Names

	Wickets above 16	Plucks above 16	Plucks above 12	Hours	Head Scores	Notes of Game
John Waggoner	1			2		
Thomas White	1			1		
Isaac Welsh	1			1		
Nath <sup>l</sup> . Willson	1			1		
Richard Wood	1			1		
Thomas Wood	1			5		
John Wilkins	2			3		
John Waters	1			4		
Ignatius Wheeler	1	4		3		
Thomas Williams	1					
Peter Wells	1					
Abel Wyby	2			2		
Nathaniel Williams	1			3		
Benjamin Wyby	1			1		
Isaac Wells				1		
Peter Wells	1			1		
James Waterman	1			1		
Joseph Yates	1					
Henry Young	1			2		
Thomas Young						
David Fairly	1			2		
Daniel Fryzier	1			2		
George Newman	3			5		
David Newman	1			2		

8x? <sup>4</sup> And <sup>43</sup> Thomas Cl. Gov.

Page

Blk D Min Old Price

	16	12				
1	3	--	56	4	--	12
2	4	1	94			
3	3	--	87			
4	8	--	109			
5	10	1	182			
6	8	2	90			
7	5	1	71			
8	8	4	97	1	--	10
9	2	1	79			
10	2	2	46	2	1	17
11	5	3	110	3	2	3
12	10	6	109	3	1	9
13	3	--	83			
14	15	3	85	1	--	12
15	1	--	62			
16	--	--	67			
17	18	5	121			
18	9	2	75	1	--	12
19	3	--	64			
20	2	1	58			
21	3	--	64			
22	8	2	64			
23	12	1	80	1	--	10
24	4	--	43			
	146	33	1896	13	13	12

3/146  
 48.12.4  
 3/328  
 11.2.6.3

3 8.12  
 2 17.4  
 5.14.8

1896  
 399.2  
 199.12