

ADDING DIGITS

SUSAN THORPE

Great Missenden, Buckinghamshire, England

thorped@hotmai.com

Much has been written on the result of assigning the letters their alphabetical values (a =1 to z = 26).

The values of the letters of a word can then be subjected to one or more of the four functions + - x ÷

Sometimes this throws up oddities such as DUCK (4+21+3+11) = DRAKE = (4+18+1+11+5) = 39.

All four functions can be used to show that BROMINE is element number 35:

$(2 \times 18) + (15 - 13) - (9 \div \sqrt{[14 - 5]}) = 35$ (*Elementary Equations*, Word Ways Nov. 2015 p263).

Below, by way of contrast, the emphasis is on the added value of individual digits.

The individual digits of the values connected by dots are all added together.

The individual digits of a 2-digit value without dots are also added together.

The words below ultimately produce:

(a) like digits (b) palindromic digits (c) tautonymic digits

(a) LIKE DIGITS

1111

S	U	G	A	R	S
19	21.....7	1.....18		19	
10	10	10		10	
1	1	1		1	

2222

W	O	B	B	L	I	E	S	T
23.....15	2	2.....12.....9.....5.....19						20
	11				29			2
	2				11			
					2			

3333

S	T	A	B	L	I	N	G
19.....20	1.....2	12		9.....14.....7			
	12	3	3		21		
	3				3		

4444

M	A	L	L	A	R	D
13	1.....12	12.....1		18.....4		
4	4	4		13		
				4		

5555

E	N	T	I	C	E	R
5	14	20.....9.....3		5.....18		
	5	14		14		
		5		5		

6666

C	L	E	A	N	S	E	R	S
3.....12	5.....1	14.....19		5.....18.....19				
	6	6		15		24		
				6		6		

7777

M	U	T	E	D	L	Y
13.....21	20.....5	4.....12		25		
	7	7		7		7

8888

P	A	D	D	L	I	N	G	S
16.....1	4.....4	12.....9.....14		7.....19				
	8	8		17		17		
				8		8		

9999

R	O	C	K	E	T	E	D
18	15.....3	11.....5.....20		5.....4			
9	9	9		9			

(b) PALINDROMIC DIGITS

121

S U F F E R S
19.....21.....6 6.....5.....18 19
19 20 10
10 2 1
1

131

T H I N G S
20.....8 9.....14.....7 19
10 21 10
1 3 1

141

T U N D R A
20.....21.....14 4 18.....1
10 10
1 1

151

N E C K L E T
14.....5 3.....11 12.....5.....20
10 5 10
1 1

161

R A I S E S
18.....1 9.....19.....5 19
10 24 10
1 6 1

171

S O A R S
19 15.....1 18.....19
10 7 19
1 10
1

181

A S P E N
1 19.....16 5.....14
17 10
8 1

191

A S H E N
1 19.....8 5.....14
18 10
9 1

212

J A N E T
10.....1 14.....5 20
2 10 2
1

232

C H U M P
3.....8 21 13.....16
11 3 11
2 2

242

B A S T I O N
2 1.....19.....20 9.....15.....14
13 20
4 2

252

B U T C H
2 21.....20 3.....8
5 11
2

262

B E A C H
2 5.....1 3.....8
6 11
2

272

S A N T A S
19.....1 14.....20 1.....19
11 7 11
2 2

282

B U N C H
2 21.....14 3.....8
8 11
2

292

T E D D Y
20 5.....4 4.....25
2 9 11
2

313

B	A	S	I	C
2.....1	19	9.....3		
3	10	12		
	1	3		

343

T	A	B	B	I	N	G
20.....1	2.....2	9.....14.....7				
3	4	21				
		3				

363

C	R	O	A	T
3	18.....15	1.....20		
	15	3		
	6			

383

L	I	S	P	I	N	G
12	9.....19.....16	9.....14.....7				
3	26	21				
	8	3				

414

C	A	W	E	D
3.....1	23.....5	4		
4	10			
	1			

434

C	A	U	S	I	N	G
3.....1	21	19.....9.....14.....7				
4	3	31				
		4				

464

M	O	R	A	L
13	15.....18	1.....12		
4	15	4		
	6			

484

A	R	C	H	A	I	C
1.....18.....3	8	1.....9.....3				
13		13				
4		4				

515

H	A	N	S	A	R	D
8.....1.....14	19	1.....18.....4				
14	10	14				
5	1	5				

323

C	R	O	W	I	N	G
3.....18	15.....23	9.....14.....7				
12	11	21				
3	2	3				

353

L	I	N	I	N	G
3	9.....14.....9	14.....7			
	23	12			
	5	3			

373

T	A	P	I	N	G
20.....1	16.....9	14.....7			
3	16	12			
	7	3			

393

P	A	V	E	M	E	N	T
16.....1.....22	5.....13	5.....14.....20					
12	9	12					
3		3					

424

S	C	O	W	L	S
19.....3	15.....23	12.....19			
13	11	13			
4	2	4			

454

S	T	A	R	E	D
19.....20.....1	18.....5	4			
13	14				
4	5				

474

M	U	D	D	I	E	D
13	21.....4	4.....9.....5.....4				
4	7	22				
		4				

494

D	E	V	I	L	S
4	5.....22	9.....12.....19			
	9	22			
		4			

525

W	E	A	N	E	R
23	5.....1.....14	5.....18			
5	11	14			
	2	5			

535

D A S T A R D
 4.....1 19.....20 1.....18.....4
 5 12 14
 3 5

565

R E C L A I M
 18.....5 3.....12 1.....9.....13
 14 6 14
 5 5

585

W A G E R
 23 1.....7 5.....18
 5 8 14
 5

616

C L O V E S
 3.....12 15.....22 5.....19
 6 10 15
 1 6

636

R O L L I N G
 18.....15 12 12.....9.....14.....7
 15 3 24
 6 6

656

F I N E S
 6 9.....14 5.....19
 14 15
 5 6

686

F E L I X
 6 5.....12 9.....24
 8 15
 6

717

B E R A T E
 2.....5 18.....1 20.....5
 7 10 7
 1

737

G I L D I N G
 7 9.....12 4.....9.....14.....7
 12 25
 3 7

545

B U T C H E R
 2.....21 20.....3.....8 5.....18
 5 13 14
 4 5

575

E L D E R
 5 12.....4 5.....18
 7 14
 5

595

R E V E R E
 18.....5 22.....5 18.....5
 14 9 14
 5 5

626

C L O W N S
 3.....12 15.....23 14.....19
 6 11 15
 2 6

646

S E D A N
 19.....5 4 1.....14
 15 6
 6

676

O G R E S
 15 7.....18 5.....19
 6 16 15
 7 6

696

W A S H E S
 23.....1 19.....8 5.....19
 6 18 15
 9 6

727

P R O W E S S
 16.....18 15.....23 5.....19.....19
 16 11 25
 7 2 7

747

P L A Y E D
 16 12.....1 25.....5.....4
 7 4 16
 7

757

G I L B E R T
7.....9 12.....2 5.....18.....20
16 5 16
7 7

787

G I D D Y
7.....9 4.....4 25
16 8 7
7

818

S P A C E
19.....16 1 3.....5
17
8

838

G A N G S T E R
7.....1 14.....7 19.....20.....5.....18
8 12 26
3 8

858

P A C K E T S
16.....1 3.....11 5.....20.....19
8 5 17
8

878

P A T E N T S
16.....1 20.....5 14.....20.....19
8 7 17
8

919

R E N D E R
18 5.....14 4.....5.....18
9 10 18
1 9

939

H A N G E D
8.....1 14.....7 5.....4
9 12 9
3

959

C O R E R
3.....15 18.....5 18
9 14 9
5

979

R O A R E D
18 15.....1 18.....5.....4
9 7 18
9

767

K E L L Y
11.....5 12.....12 25
7 6 7

797

P A L M A T E
16 1.....12.....13.....1 20.....5
7 9 7

828

E L E P H A N T
5.....12 5.....16.....8 1.....14.....20
8 20 8
2

848

H A S T I E S T
8 1.....19.....20 9.....5.....19.....20
13 26
4 8

868

G A M B L E
7.....1 13.....2 12.....5
8 6 8

898

S P R A Y
19.....16 18 1.....25
17 9 8
8

929

S H O W E D
19.....8 15.....23 5.....4
18 11 9
9 2

949

D E C A D E
4.....5 3.....1 4.....5
9 4 9

969

I N T E R R U P T E D
9 14.....20.....5.....18.....18.....3.....16.....20 5.....4
42 9
6

989

C O D D L E S
3.....15 4.....4 12.....5.....19
9 8 18
9

(c) TAUTONYMIC DIGITS

1212

A	C	H	I	N	E	S	S
1	3.....8	9.....14.....5	19.....19				
	11	19	20				
	2	10	2				
		1					

1313

A	B	A	S	I	N	G
1	2.....1	19	9.....14.....7			
	3	10	21			
		1	3			

1414

R	A	D	I	A	T	I	O	N
18.....1	4	9.....1	20.....9.....15.....14					
10		10	22					
1		1	4					

1515

O	V	E	R	R	A	N
15.....22	5.....18	18.....1	14			
10	14	10	5			
1	5	1				

1616

S	E	A	G	U	L	L
19	5.....1	7.....21	12.....12			
10	6	10	6			
1		1				

1717

S	E	Q	U	E	N	T	I	A	L	L	Y
19	5.....17.....21	5.....14	20...9.....1.....12.....12...25								
10	16	10									25
1	7	1									7

1818

O	V	E	R	L	A	Y	S
15.....22	5.....18.....12	1	25.....19				
10	17		17				
1	8		8				

1919

S	E	V	E	N	T	Y
19	5.....22	5.....14	20.....25			
10	9	10	9			
1		1				

2121

C	H	A	F	E	R	S
3.....8	1	6.....5	18.....19			
11		11	19			
2		2	10			
			1			

2323

B	A	T	C	H	I	N	G
2	1.....20	3.....8	9.....14.....7				
	3	11	21				
		2	3				

2424

F	E	R	D	I	N	A	N	D
6.....5	18.....4	9.....14.....1.....14	4					
11	13	20						
2	4	2						

2525

B	U	T	C	H	E	R
2	21.....20	3.....8	5.....18			
	5	11	14			
		2	5			

2626

C	H	A	N	T	E	R	S
3.....8	1.....14	20	5.....18.....19				
11	6	2	24				
2			6				

2727

S	A	R	G	A	S	S	O
19.....1	18.....7	1.....19	19.....15				
11	16	11	16				
2	7	2	7				

2828

J	A	U	N	T	I	E	S	T
10.....1	21.....14	20	9.....5.....19.....20					
2	8	2	26					
			8					

2929

B	L	E	A	C	H	E	D
2	12.....5.....1	3.....8	5.....4				
	9	11	9				
		2					

3131

S	T	A	G	E	R	S
19.....20	1	7.....5	18.....19			
12		12	19			
3		3	10			
			1			

3232

C	I	T	A	T	I	O	N
3	9.....20	1.....20	9.....15.....14				
	11	3	20				
	2		2				

3434

S	T	O	P	P	E	D
19.....20	15.....16	16.....5	4			
12	13	12				
3	4	3				

3636

S	T	A	N	C	E	S
19.....20	1.....14	3	5.....19			
12	6		15			
3			6			

3838

L	I	F	T	A	B	L	E
12.....9	6.....20	1.....2	12.....5				
12	8	3	8				
2							

4141

C	A	S	C	A	D	E	S
3.....1	19	3.....1	4.....5.....19				
4	10	4	19				
	1		10				
			1				

4343

L	A	N	G	U	A	G	E
12.....1	14.....7	21.....1	7.....5				
4	12	4	12				
	3		3				

4646

M	A	N	A	C	L	I	N	G
13	1.....14	1.....3	12.....9.....14.....7					
4	6	4	24					
			6					

4848

O	P	H	I	O	P	T	E	R	A
15.....16	8	9.....15.....16	20.....5.....18.....1						
13		22	17						
4		4	8						

5151

B	L	A	C	K	E	N
2.....12	1	3.....11	5.....5			
5		5	10			
			1			

5353

R	E	T	A	G	G	I	N	G
18.....5	20.....1	7.....7	9.....14.....7					
14	3	14	21					
5		5	3					

3535

S	T	R	E	A	K	E	R
19.....20	18.....5	1.....11	5.....18				
12	14	3	14				
3	5		5				

3737

S	T	I	N	T	L	E	S	S
19.....20	9.....14.....20	12	5.....19.....19					
12	16	3	25					
3	7		7					

3939

S	T	R	I	N	G	E	D
19.....20	18	9.....14.....7	5.....4				
12	9	21	9				
3		3					

4242

M	A	S	C	A	R	A	S
13	1.....19	3.....1	18.....1.....19				
4	11	4	20				
	2		2				

4545

D	E	R	I	D	E	R
4	5.....18	9.....4	5.....18			
	14	13	14			
	5	4	5			

4747

N	E	C	E	S	S	A	R	I	L	Y
14.....5.....3	5.....19.....19	1.....18.....9.....12	25							
13	25	22	7							
4	7	4								

4949

D	R	I	B	B	L	E	S
4	18.....9	2.....2	3.....5.....19				
	18	4	18				
	9		9				

5252

R	E	T	A	L	I	A	T	E	D
18.....5	20	1.....12.....9.....1	20.....5.....4						
14	2	14	11						
5		5	2						

5454

H	A	N	D	M	A	I	D
8.....1.....14	4	13.....1.....9	4				
14		14					
5		5					

5656

I N F E R I O R
9.....14 6 5.....18 9.....15.....18
14 14 24
5 5 6

5757

D A I N T I N E S S
4.....1 9.....14.....20.....9 14 5.....19.....19
5 25 5 25
7 7

5858

W E N S L E Y D A L E
23 5...14...19...12...5...25 4...1 12...5
5 35 5 8
8

5959

N O C T U R N A L
14 15.....3 20.....21 18.....14.....1.....12
5 9 5 18
9

6161

F A I L I N G S
6 1.....9 12.....9.....14.....7 19
10 24 10
1 6 1

6262

B A C K R O O M S
2.....1.....3 11.....18 15 15.....13.....19
6 11 6 20
2 2

6363

F I S T I C U F F
6.....9 19.....20 9.....3.....21 6.....6
15 12 15 12
6 3 6 3

6464

R O M A N E S Q U E
18.....15 13 1.....14 5.....19...17...21...5
15 4 6 31
6 4

6565

F I R E F I G H T E R S
6 9.....18...5 6.....9 7.....8.....20...5.....18.....19
23 15 41
5 6 5

6767

P H I L O S O P H I C A L
16...8 9...12...15...19...15 16...8...9 3...1...12
15 34 24 7
6 7 6

6868

F R A G R A N C E
6.....18 1.....7.....18 1.....14 3.....5
15 17 6 8
6 8

6969

S N I F F L E D
19.....14 9 6.....6.....12 5.....4
15 15 9
6 6

7171

B E R A T E S
2.....5 18.....1 20.....5 19
7 10 7 10
1 1

7272

I N T R A S E S S I O N
9...14...20 18...1...19 5...19...19...9 15...14
16 20 34 11
7 2 7 2

7373

N O N C H A R G I N G
14.....15.....14 3...8...1 18...7 9...14...7
16 12 16 21
7 3 7 3

7474

B E L A T E D
2.....5 12.....1 20.....5 4
7 4 7

7575

I N T E G R A L S
9.....14.....20 5 7.....18 1.....12.....19
16 16 14
7 7 5

7676

P I L L O W C A S E S
16...9 12...12 15...23...3...1...19 5...19
16 6 25 15
7 7 7 6

7878

ETYMOLOGICALLY
5...20 25...13...15 12...15...7 9...3...1...12...12...25
7 17 16 26
8 7 8

8181

PARSSES
16...1 18...19 5...3 19
8 19 8 10
10 1
1

8383

HABITUATING
8 1...2 9...20...21...1...20 9...14...7
3 17 21
8 3

8585

HICKSTEAD
8 9...3...11 19...20...5 1...4
14 17 5
5 8

8787

NEGATIVELY
14...5...7 1...20...9...22 5...12 25
17 16 8 7
8 7

9191

SHAMERS
19...8 1 13...5 18...19
18 9 19
9 10
1

9393

DESTINY
4...5 19...20 9 14...25
9 12 12
3 3

9595

CONVERTING
3...15 14 22...5...18 20...9...14...7
9 5 18 23
9 5

9797

EMPIRICAL
5...13 16 9...18 9...3...1...12
9 7 18 16
9 7

7979

GROUPED
7...18 15...21 16 5...4
16 9 7 9
7

8282

UNBELTED
21...14 2 5...12 20...5...4
8 8 11
2

8484

SPANGLERD
19...16 1...14...7 12...5 4
17 13 8
8 4

8686

SPILLAGES
19...16 9...12...12 1...7 5...19
17 15 8 15
8 6 6

8989

UNDERPARED
21...14 4...5...18 16...1...18 5...4
8 18 17 9
9 8

9292

CONFIDENTIAL
3...15 14...6 9 4...5...14...20...9...1...12
9 11 29
2 11
2

9494

HAMMERINGS
8...1 13 13...5 18...9...14...7...19
9 4 9 40
4

9696

RESERVATIONS
18 5...19 5...18...22 1...20...9...15...14...19
9 15 18 33
6 9 6

9898

CONTAMINATE
3...15 14...20...1 13...9...14 1...20...5
9 8 18 8
9