

The 18xx games are in order of starting from p2 onwards. Railway Rivals RR2563ZM is on p8 & p9. Outpost M21 is on p10. The Games That You Play is on p11.

New Games: None.

Welcome to Edward Denley & Shaun Goodwin who join us with two games from John Shelley's FourTrack mainline. I have not knowingly met Shaun but Edward and I both believe that we met in one or more London pubs in the 1980s. Also, thanks to John Webley, Mike Ruffhead & Graham Lee who have taken up John S's positions in his games. John S will not doubt read this and hopefully not mind me saying he seems to "all there" cognitively but it must be rather discombobulating to know that you cannot trust your memory.

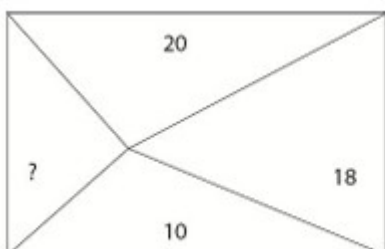
And all that chat has left a space to fill, so I have adopted my usual low effort approach, and I reproduce some Maths Challenge questions courtesy of the u3a (Third Age Trust). Answers next time.

Question 1

Find a two-digit number such that:

- The sum of its digits is **10**
- Reversing the digits increases the number by **36**

Question 2



This rectangle has been divided into four triangular areas. The area of three of these is shown in the diagram; what is the area of the fourth?

Question 3



What fraction of the square is occupied by the central quadrilateral which has three of its vertices at midpoints of the sides of the square?

Question 4

The eight-digit number "aaaabbbb", where *a* and *b* are digits, is a multiple of 45. What are the possible values of *a*, *a* ≠ 0 ?

WAITING	1829 SOUTH NORTH	David H David H
	1830	Tony S
	1830 READING	Tony S
	1835	Graham L, John W
	1846	
	1856	Tony S
	1861	
	1870	Mike B
	18EU	David H
	RAILWAY RIVALS	John W
	ST. PETERSBURG	Brad M, John W

John Webley has taken on John Shelley's position. This time shares are shuffled a bit and then It is mostly running and paying as the large bank is whittled.

Stock Round 8

* share from the pool

John Shelley	Mike Bennett	Tony Sait	David Hooton
-NYC(100),+C&O*(130)	+B&O*(170)	+B&M(100)	-CPR(90),+B&O*(170)
+B&M(100)	-NYC(90),+B&O*(170)	+B&M(100)	-C&O(130),+B&O*(170)
+CPR*(82)	~	-B&M/2(252),+CPR(90)	-Erie(126),+B&M*(100)
~	~	~	-Erie(111),+B&M*(100)

Operating Round 13

	Dir	Lay	[Rep]	Base	Run	Pay	Quote	Credit	Trains	Notes
B&O	JS				280	Y	220B	224	6	
PRR	MB				480	Y	200B	1	D	
NYNH	MB				220	Y	200A	89	5	
RDR	DH	8:F12:1			400	Y	155C	0	D	
C&O	TS	59:E5:2			180	Y	155C	83	6	A
B&M	JS				220	Y	110D	29	5	
Erie	MB				220	Y	110D	125	5	
CPR	TS	24:B12:4	[9]		140	Y	90D	0	D	
NYC	DH	9:E17:2			260	Y	90D	141	6	B

Notes A \$80 to Bank for a river B \$120 to Bank for a mountain

Tiles	1/0	2/1	3/2	4/1	7/2	8/1	9/3	14/0	15/0	16/1	18/1	19/1
	20/1	23/0	24/2	25/0	26/0	27/1	28/1	29/1	39/1	40/1	41/2	42/1
	43/0	44/1	45/2	46/2	47/1	53/2	54/1	55/1	56/0	57/3	58/1	59/1
	61/0	62/0	63/0	64/1	65/0	66/0	67/1	68/1	69/0	70/1		

Trains D/3(\$900)

Cash Flow	Start	SR8	OR13	End	Value	%	Certs	Max 17
Tony Sait	981	-38	424	1,367	3,882	21.4	16 - 16	
David Hooton	1,355	-83	636	1,908	4,748	26.2	17 - 17	
John Shelley	1,070	-212	464	1,322	4,302	23.8	17 - 17	
Mike Bennett	1,306	-250	618	1,674	5,174	28.6	17 - 17	

Portfolios	PRR	NYC	CPR	B&O	C&O	Erie	NYNH	B&M	RDR
Tony Sait	3	1	6P	-	6P	-	1	-	1
David Hooton	2	6P	-	2	-	-	1	3	6P
John Shelley *	-	1	1	6P	1	1	2	6P	1
Mike Bennett	5P	-	-	2	-	5P	6P	-	2
Bank New	-	-	3	-	-	2	-	1	-
Par	82	90	90	100	76	100	100	100	90
Bank Pool	-	2	-	-	3	2	-	-	-
Quote	200B	90D	90D	220B	155C	110D	200A	110D	155C
Credit	\$1	\$141	\$0	\$224	\$83	\$125	\$89	\$29	\$0
Tokens Left	1	2	3	1	1	1	-	-	-

The OR14 operating order is - B&O, PRR, NYNH, RDR, C&O, B&M, Erie, CPR, NYC.

There is a retaining of dividends ...

Operating Round 9

	Dir	Lay	[Rep]	Token	Run	Pay	Quote	Credit	Trains	Notes
LNWR	MR	9:M8:1		M8 - K9	220	N	180	380	3 2 2	A
GWR	SG	9:G7:4		G7 - E6	200	N	100	400	3 2 2	
Mid	DH	3:I8:1		I8 - H7	160	Y	112	440	3 (2)	
LSWR	ED	10:C8:3		C8 - D8	180	N	82	420	3 2	
GNR	MR	1:M6:1		M6 - M5	100	Y	76	90	3 2	B
LBSC	SG			C10 - C11			64	370	+3	C
GER	DH	20:I7:2	[9]	E10 - F10			61	110	+2 +4	D E
GCR	ED	6:L7:6		L7 - M7			58	180	+4	E

Notes	A	£40 to Bank for a river	D	£100 to the Mid for a 2 Train
	B	£160 to Bank for a mountain	E	£430 to the Bank for a 4 Train
	C	£300 to the Bank for a 3 Train		

Tiles	1/1	2/2	3/1	4/5	5/4	6/3	7/3	8/5	9/7	10/0	12/1	13/3
	14/1	15/1	16/1	17/1	18/1	19/2	20/0	21/1	22/1	23/4	24/4	25/1
	26/2	27/2	28/0	29/1	30/1	31/1						
Trains	4/2(£430)		then	5/4(£550)		7/4(£720)						

Cash Flow	Start	OR9	End	Value	%	Certs	Max 18
Mike Ruffhead	53	91	144	1,718	30.1	12 - 12	
Shaun Goodwin	20	10	30	1,217	21.4	13 - 13	
David Hooton	2	111	113	1,481	26.0	13 - 13	
Edward Denley	2	48	50	1,284	22.5	14 - 14	

Portfolios	Privates	LNWR	GWR	Mid	LSWR	GNR	LBSC	GER	GCR
Mike Ruffhead *	S&M	5D	-	1	-	7D	-	-	-
Shaun Goodwin	C&HP	-	5D	-	2	-	7D	-	-
David Hooton	C&W	-	2	6D	-	-	-	6D	-
Edward Denley	-	-	-	3	6D	-	-	-	7D
Bank New	Hull	-	-	-	-	-	-	-	3
Bank Pool	L&M	5	3	-	2	3	3	4	-
Tokens Left		4	4	4	3	4	3	3	3

1829I46 : SOUTH GAME, MSK1, PC RULE : PHASE 2 : BANK - £19,663

NEXT TIME - OR10 & SDR8

Mike Ruffhead has taken on John Shelley's position. OR10 only this time as advised, during which the 6 trains are made available for OR11.

Operating Round 10

	Dir	Lay	[Rep]	Base	Run	Pay	Quote	Credit	Trains	Notes
PrE	JW	220:E19:1	[209]		440	Y	212C	338	4+4 3 3	H
ByE	GL	216:O15:2	[207]		120	Y	190C	141	4 +3	A H
HeE	JS	216:H2:4	[207]		270	Y	120B	449	3+3	
SxE	JW	207:H20:6	[201]		380	Y	92F	254	5 3+3	H
BaE	TS	219:L6:3	[214]		310	Y	92C	479	4 3+3	H
WtE	GL	216:J8:5		I3	170	Y	92C	36	4 +5	B C D H
MsE	JS	221:C11:2		C11			78D	0	+5+5 +3	B E F G H

Notes

A	207M to the WtE for a 3 Train	E	20M to the Bank for a garrison
B	50M to Bank for a river	F	600M to the Bank for a 5+5 Train
C	100M to the Bank for a garrison	G	130M to the HeE for a 3 Train
D	500M to the Bank for a 5 Train	H	At Train Limit

Tiles

1/1	2/1	3/2	4/0	5/3	6/2	7/6	8/6	9/1	12/0	13/2	14/1
15/1	16/2	18/1	19/2	20/2	23/1	24/3	25/3	26/0	27/2	28/2	29/2
39/1	40/1	41/2	42/2	43/1	44/2	45/2	46/2	47/2	55/1	56/0	57/1
58/1	63/3	69/2	70/1	87/0	88/2	201/2	202/2	203/1	204/2	205/0	206/1
207/1	208/1	209/1	210/0	211/1	212/1	213/0	214/1	215/1	216/1	217/2	218/2
219/1	220/0	221/0									

Trains 6/2(600M) then 6+6/4(720M)

Cash Flow

	Start	OR10	End	Value	%	Certs	Max
John Webley	80	492	572	2,396	21.4	12	15
John Shelley	141	325	466	2,630	23.5	17	17
Tony Sait	463	520	983	3,157	28.2	16	16
Graham Lee	30	315	345	3,011	26.9	16	17

Portfolios

	PrE	ByE	SxE	BaE	WtE	HeE	MsE	OIE
John Webley	60/7D	-	60/5D	-	-	-	-	-
John Shelley	-	-	10/1	-	10/1	100/8D	100/7D	-
Tony Sait *	25/3	20/2	20/2	100/8D	-	-	-	20/1D
Graham Lee	15/2	80/7D	-	-	90/7D	-	-	-
Bank New	-	-	-	-	-	-	-	80/6
Bank Pool	-	-	10/1	-	-	-	-	-
Quote	212C	190C	92F	92C	92C	120B	78D	
Credit	338M	141M	254M	479M	36M	449M	0M	
Tokens Left	2	3	1	1	-	-	-	1

The OR11 operating order is - PrE, ByE, HeE, SxE, BaE, WtE, MsE.

Graham Lee has taken on John Shelley's position. OR9 only this time as advised, during which the 6 trains are made available for OR10.

Operating Round 9

	Dir	Lay	[Rep]	Base	Run	Pay	Quote	Credit	Loan	Trains	Notes
GW	JW	125:C14:6	[14]		130	Y	175B	180	300	3	
LPS	MB	126:F15:1	[121]		190	Y	150D	0	700	4 +3	A B F
GT	MH	122:N11:3	[120]		180	N	110B	114	0	4 +5	C F
CPR	JS	125:N3:3	[14]		340	Y	100E	225	500	4 4	A F
CA	JW	63:D17:1	[15]		220	Y	100A	30	0	5	D
CV	MB	9:M12:2			90	Y	100A	290	0	5	
WR	MH				160	Y	80F	36	600	3 3	E F

Notes
 A Government Loan secured
 B \$241 to the CV for a 3 Train
 C \$550 to the Bank for a 5 Train
 D Government Loan redeemed
 E Dividend down \$10 to pay loan interest
 F At Train Limit

Tiles

1/1	2/0	3/2	4/3	5/2	6/2	7/6	8/13	9/6	14/2	15/2	16/1
17/1	18/1	19/1	20/1	23/3	24/3	25/1	26/1	27/1	28/1	29/1	39/1
40/1	41/3	42/3	43/2	44/1	45/2	46/2	47/2	55/1	56/1	57/3	58/2
59/2	63/3	64/1	65/1	66/0	67/1	68/1	69/1	70/1	120/1	121/2	122/0
125/2	126/0	127/0									

Trains 3/1(\$225) 6/2(\$700) then D/9(\$1,100)

Cash Flow	Start	OR9	End	Value	%	Certs	Max 16
Mike Bennett	173	168	341	1,841	29.2	10 - 10	
John Webley	35	171	206	1,331	21.1	7 - 7	
Mark Hancock	114	73	187	1,232	19.6	8 - 8	
John Shelley	266	285	551	1,896	30.1	11 - 11	

Portfolios	BBG	CA	CPR	CV	GT	GW	LPS	TGB	THB	WR	WGB
Mike Bennett	-	-	-	6P	-	-	6P	-	-	-	-
John Webley *	-	6P	-	-	-	3P	-	-	-	-	-
Mark Hancock	-	-	-	-	5P	1	-	-	-	4P	-
John Shelley	-	-	6P	-	1	1	2	-	-	2	-
Bank New	10P	4	-	4	3	5	-	10P	10P	2	10P
Par		100	80	100	100	90	75			65	
Bank Pool	-	-	4	-	1	-	2	-	-	2	-
Quote		100A	100E	100A	110B	175B	150D			80F	
Credit		\$30	\$225	\$290	\$114	\$180	\$0			\$36	
Loans		0	500	0	0	300	700			600	
Tokens Left	2	2	2	2	2	2	-	1	1	2	1

Rights Held by ShareCos : GW - Tunnel | LPS - Tunnel | WR - Bridge.

The OR10 operating order is - GW, LPS, GT, CPR, CA, CV, WR - unless changed by SR6.

Routes are developed towards the capacities of the owned trains.

Operating Round 4

	Dir	Lay	[Rep]	Base	Run	Pay	Quote	Credit	Trains	Notes
B&O	AM	1:G17:2			160	Y	100C	166	3 3 3	C
C&O	JW	57:H4:2			70	Y	90D	180	3 +4	B
NYNH	MB	14:E19:1	[57]		100	Y	82E	120	4 3	
PRR	MR	23:H14:3	[9]		80	Y	67G	151	4	A

Operating Round 5

	Dir	Lay	[Rep]	Base	Run	Pay	Quote	Credit	Trains	Notes
B&O	AM	57:J14:2			240	Y	111C	46	3 3 3	D E C
C&O	JW	9:I3:2			160	Y	100D	180	4 3	
NYNH	MB	8:F18:2			190	Y	90E	0	4 3	F
PRR	MR	53:I15:1			120	N	63G	0	4	A G

- Notes**
- A \$10 from the CStL Private
 - B \$300 to the Bank for a 4 Train
 - C At Train Limit
 - D \$80 to Bank for a river
 - E \$40 to Andy M for the SVR
 - F \$120 to Mike B for the M&H
 - G \$281 to Mike R for the C&A

Tiles

1/0	2/1	3/2	4/2	7/3	8/6	9/5	14/2	15/0	16/1	18/1	19/1
20/1	23/2	24/3	25/1	26/1	27/1	28/1	29/1	53/1	54/0	55/1	56/0
57/2	58/2	59/2	69/0								

Trains 4/1(\$300) then 5/3(\$450) 6/2(\$630) D/6(\$1,100)

Cash Flow

	Start	OR4	OR5	End	Value	%	Certs	Max 16
Mike Bennett	6	104	278	388	1,102	25.3	7 - 7	
Andy Muir	41	111	208	360	1,116	25.6	6 - 6	
Mike Ruffhead	44	98	365	507	1,123	25.8	7 - 7	
John Webley	55	67	130	252	1,012	23.2	7 - 7	

Portfolios

	Privates	PRR	NYC	CPR	B&O	C&O	Erie	NYNH	B&M
Mike Bennett	-	1	-	-	1	-	-	6P	-
Andy Muir	-	-	-	-	6P	-	-	1	-
Mike Ruffhead	-	5P	-	-	1	1	-	1	-
John Webley *	D&H	-	-	-	-	6P	-	1	-
Bank New	-	3	10P	10P	2	3	10P	1	10P
Par	-	71			90	82		76	
Bank Pool	-	1	-	-	-	-	-	-	-
Quote		63G			111C	100D		90E	
Credit		\$0			\$46	\$180		\$0	
Tokens Left		2	3	3	1	2	2	1	1

Privates Owned by ShareCos : PRR - CStL, C&A | B&O - SVR | NYNH - M&H.

The OR6 operating order is - B&O, C&O, NYNH, PRR - unless changed by SR5.

Everybody bought what they were offered except Mike who found something else to do whilst the NER were on offer. Next time I am asking to go through to SDR3 - but we will stop after SDR2 if any company changes director during SDR2 and/or if the Midland director's certificate is bought.

A note for Shaun & Edward - I will always propose/state the rounds for the next adjudication but if you ever want an earlier stop, either definite or conditional, just let me know.

Share Dealing Round 1

David Hooton	Shaun Goodwin	Edward Denley	Mike Ruffhead
+A&F (30)	+C&HP (75)	+S&D (130)	+L&M (210)
+LNWR/D	+LNWR	+LNWR	+LNWR
+LNWR	+LNWR	+LNWR	+LNWR
+LNWR	+NER/D	+NER	~
+NER	+NER	+NER	~
+NER	~	+NER	[Totem]

Cash Flow	Start	SDR1	End	Value	%	Certs	Max 18
David Hooton	630	-610	20	630	25.0	6 - 6	
Shaun Goodwin	630	-545	85	630	25.0	5 - 5	
Edward Denley	630	-600	30	630	25.0	6 - 6	
Mike Ruffhead	630	-410	220	630	25.0	3 - 3	

Portfolios	Privates	LNWR	NER	Mid	NBR	Cal	L&YR	GNR	GCR
David Hooton	A&F	4D	2	-	-	-	-	-	-
Shaun Goodwin	C&HP	2	3D	-	-	-	-	-	-
Edward Denley	S&D	2	3	-	-	-	-	-	-
Mike Ruffhead *	L&M	2	-	-	-	-	-	-	-
Bank New	Hull	-	2	10D	10D	10D	10D	10D	10D
Bank Pool	-	-	-	-	-	-	-	-	-
Quote		100	90	82	76	71	67	64	61
Tokens Left		4	4	4	3	3	3	3	3

Tiles 1/2 2/2 3/2 4/6 5/4 6/4 7/4 8/8 9/10
 Trains 2/7(£180) then 3/6(£300) 4/4(£430) 5/4(£550) 7/4(£720)

1829T46 : NORTH, MSK1, PC RULE : PHASE 1 : BANK - £19,645 NEXT - OR1, SDR2, OR2 & SDR3

Every race was won by the shortest route except for 10.3 where GRAZ overcame a one-point disadvantage to tie for first place with GITCO.

The taxes took their toll on GITCO & GRAZ allowing ZRR & DHAN - aided by each having an entry without competition - to pull ahead. The slight margins were enough to stifle GITCO leaving GRAZ as the company in sight of the leading pair.

Company Run	DHAN Brad M - Brown	ZRR Mike R - Red	GITCO Tony S - Blue	GRAZ John W - Green
10.1 (13) Nakonde - Kataba (52)		20 +5/GIT 37	10 -3/Tax -5/ZRR 38	
10.2 (16) Chinsali - Mazabuka (63)			10 -3/Tax -3/GRA 31	20 -3/Tax +3/GIT 29
10.3 (22) Samfya Lundazi - Sesheke (51)	0 -1/GRA [Lundazi] 45		15 -3/Tax -3/GRA [Samfya] 31	15 -3/T +1/D +3/G [Samfya] 32
10.4 (23) Mpika - Solwezi (44)	20 21			
10.5 (31) Chingola - Choma (61)	20 17	0 -1/GIT 20	0 -1/DHA +1/ZRR 20	10 18
10.6 (33) Kitwe - Angola Namibia [I12 D16 A22 Sesheke] (S2)	10 -1/GRA +1/GRA 24 [Sesheke]	20 20 [D16]		0 -1/DHA +1/DHA 26 [Sesheke]
10.7 (46) Kaoma - DR Congo [Chingola Mufulira Y9 Z2] (S1)		20 -1/GIT 15 [Chingola]	+1/ZRR	
Total Points Gained	49	64	16	46

In the run results chart above, the first line shows the race result points, the second line shows the payments from and to other players, and the last line shows the run length along with the choice(s) of endpoint (where they existed). Joint Runs and Exchanges Of Running Powers will also be noted on the first line. In all instances abbreviations may be deployed.

Builds & Scores

DHAN - Brown No Builds
Brad Martin Points: 247 = 198 +49/Runs

ZRR - Red No Builds
Mike Ruffhead Points: 257 = 193 +64/Runs

GITCO - Blue No Builds
Tony Sait Points: 181 = 165 +16/Runs

GRAZ - Green No Builds
John Webley Points: 223 = 177 +46/Runs

Round 10 Runs - Enter up to 4

- 11.1 (11) Nchelenge - Pitauke (25)
 - 11.2 (15) Kasama - Kasempa (45) -
 - 11.3 (21) Mansa - Ndola (35)
 - 11.4 (43) Mongu - Lusaka (65)
 - 11.5 (56) Kabwe - Kitwe (34)
 - 11.6 (66) Lusaka - Tanzania [Mbala | Nakonde] {S5}
 - 11.7 (S3) Botswana | Zimbabwe [L32 | Livingstone | Z27] - Mumbwa [55]
-

Building Allowances & Run Length

The building allowance in round 11 will be 4 points (including known payments to rivals).

The minimum run length is 6 hexes.

The auctions were straightforward ...

Round 15 Actions

Mike Auctioned a Planetary Cruiser for 160, Dane bid 163.
 Mike got it for 164 (o:1 w:5,7,10 t:13,44,44 ro:40)
 John Bought five Population Units (r:9,16)
 David Auctioned a Moon Base for 200 and got it for 200 (w:6,30 r:13,15,15,15,16,17 m:15,18 n:18,22)
 Dane Auctioned a Space Station for 120. Tony bid 121 and got it for 121 (o:3,3,4 w:30 t:11,12,13 r:12,13 m:20)
 Dane Bought one New Chemicals Factory (t:8,10,12 r:11 m:19)
 Dane Bought one Titanium Factory (w:30)
 Dane Bought two Robots (om:20)
 Tony Passed
 Mick Bought one New Chemicals Factory (o:4 w:7,10,30 r:9)
 Mick Bought one Robot (o:2 w:9)

Pos	Player	Factories	Operators (Limits)	Production	Total
1	Mike	2o,3w,9t	14 (20) 0 (0)	4w,1t,2T,2ro	(206,20)
2	David	2o,6w,5r,1n	8 (9) 5 (8)	1o,4w,1W,7r,1m,1n,1mo	(239,15)
3	John	2o,4w,1t,3r	10 (10) 0 (0)	2o,1w,1W,2t,4r	(115,15)
4	Tony	2o,4w,2t	8 (9) 1 (8)	2o,1W,2t,4r,2m,1om	(172,10)
5	Dane	2o,4w,4t,1n	5 (6) 5 (5)	1W,1t,1T,2r,4m,1n,1om	(228,15)
6	Mick	2o,6w,1t,1n	8 (8) 3 (8)	3o,2w,1W,2t,1r,1n	(106,20)

Pos	Player	Colony Cards	VPs	Purchases
1	Mike	HE, Nod, Eco, OP, OP, PC, PC	69	(605)
2	David	WH, Nod, OL, Rob, Lab, MB	53	(430)
3	John	DL, DL, DL, Lab, Lab, Lab, Eco, OP	42	(415)
4	Tony	DL, HE, Nod, Sci, Sci, OL, Rob, Eco, SS	39	(400)
5	Dane	WH, HE, Sci, OL, OL, Rob, SS	38	(365)
6	Mick	WH, WH, HE, Nod, Sci, Rob, Eco	28	(225)

On Offer	Outpost	Count	Notes	Planetary Cruiser	Count	Notes
	Space Station	1	(none left)		0	(2 more)
		2	(none left)	Moon Base	3	(none left)

Andy Muir	1830R46
Brad Martin	RR2563ZM
Dane Maslen	Outpost M21
David Hooton	1830E46, 1829I46, 1829T46
David Smith	Outpost M21
Edward Denley	1829I46, 1829T46
Graham Lee	1835K46, 1856M46
John Shelley	1830E46, 1835K46, 1856M46
John Webley	1830E46, 1835K46, 1856M46, 1830R46, RR2563ZM, Outpost M21
Mark Hancock	1856M46
Mick Haytack	Outpost M21
Mike Bennett	1830E46, 1856M46, 1830R46
Mike Ruffhead	1829I46, 1835K46, 1830R46, 1829T46, RR2563ZM, Outpost M21
Shaun Goodwin	1829I46, 1829T46
Tim Parkes	
Tony Sait	1856P45, 1830Z45, 1835K46, RR2563ZM, Outpost M21
