

I A

Hato

Triple Jump Cards

B

No. 1

Shin-Osaka	Kyoto	Maibara	Gifu-Hashima	Nagoya	Toyohashi (Hamamatsu)	Shizuoka (Atami)	Odawara	Shin-Yokohama	Tokyo
1	2	3	4	5	1	2	3	4	5
30	90	25	2,106	91	947	8,431	836	269	2,106
8,247	183	7,916	41	60	410	793	419	5,103	7,265
51	201	98	24	931	208	482	7,824	-789	2,734
-96	57	86	659	3,529	-135	170	8,753	4,602	5,176
-423	81	7,340	34	732	-679	506	4,361	-1,034	2,890
789	436	52	57	8,051	7,106	357	892	648	3,189
-603	182	-814	9,803	70	-890	760	-540	-321	9,370
4,719	65	957	760	96	625	2,036	9,678	-894	5,403
-805	49	-34	803	-478	386	984	-5,902	257	1,085
23	58	28	391	-684	637	649	-326	430	8,649
57	3,564	-631	78	46	5,421	1,485	150	309	9,428
61	732	-152	214	-204	4,382	5,972	-319	8,657	8,705
120	20	703	65	-58	-8,905	2,601	-604	-712	2,156
895	697	90	297	731	-257	398	217	859	4,371
46	4,709	604	58	25	4,931	521	750	7,561	3,946
$735 \times 64 =$	$578 \times 72 =$	$27 \times 921 =$	$456 \times 89 =$	$87 \times 507 =$	$89 \times 6,015 =$	$409 \times 354 =$	$6,973 \times 52 =$	$539 \times 731 =$	$206 \times 809 =$
$7,020 \div 78 =$	$1,575 \div 25 =$	$2,440 \div 61 =$	$3,650 \div 50 =$	$954 \div 18 =$	$19,617 \div 39 =$	$28,875 \div 825 =$	$6,321 \div 49 =$	$20,328 \div 726 =$	$62,304 \div 96 =$

I C

Hato

Triple Jump Cards

D

No. 1

Shin-Osaka	Kyoto	Maibara	Gifu-Hashima	Nagoya	Toyohashi (Hamamatsu)	Shizuoka (Atami)	Odawara	Shin-Yokohama	Tokyo
1	2	3	4	5	1	2	3	4	5
69,107	52,604	497	521	25,810	509,726	560,913	294,013	92,531	109,326
4,870	8,156	704	3,206	86,452	2,851	97,305	79,638	356,297	697,518
5,721	260	34,285	91,372	69,174	536	32,976	-920	4,085	584,209
658	47,389	167	6,198	-36,598	460,821	-28,604	259,617	7,329	-753,614
89,315	90,241	-6,819	2,519	-90,367	907	-41,863	-72,548	42,981	534,291
280	-2,805	-291	794	28,149	389,640	208,674	45,396	81,453	249,538
62,943	518	50,639	170	15,208	817,406	4,751	-6,701	260,174	810,467
326	-2,047	62,715	48,763	71,864	327	-647,082	4,038	16,820	-673,089
5,069	73,958	96,041	85,034	-63,572	62,174	721	267,409	907	269,170
7,135	-14,873	5,204	908	74,058	35,296	315	8,153	62,719	-731,468
341	-6,319	-72,581	543	-37,105	4,571	86,920	745	374	402,135
9,407	742	-4,398	74,069	-26,487	59,480	-5,091	-317,682	407,896	897,506
32,851	-9,507	803	6,720	35,790	73,891	-3,548	-91,508	5,630	-542,739
84,076	613	7,326	8,645	49,063	89,213	917	841	850,146	-215,308
429	396	-8,530	31,528	93,214	5,430	894,253	36,052	583	784,062
4,865×518=	1,956×970=	52,864×45=	6,507×784=	9,562×854=	328×12,469=	192×32,947=	82,519×495=	2,431×9,263=	6,273×8,639=
387,280÷9,682=	372,027÷461=	472,860÷6,390=	476,134÷751=	484,176÷528=	5,169,285÷9,735=	1,875,068÷214=	4,673,871÷753=	4,515,721÷6,029=	931,744÷352=

Triple Jump Cards: Rules

How to read the card

- The front has A and B, and the back has C and D. A is the easiest and D is the hardest.
- Each of A to D has 5 Sums problems, 5 Multiplication problems and 5 Division problems.
- The names above the columns are stations. A and C run from Shin-Osaka to Nagoya, and B and D from Toyohashi to Tokyo.
- The totals for checking answers are on the answer pages.

Triple Jump (on your own)

1. Choose which of A to D to solve, and give each player one card.
2. Start on the signal. First solve the 5 Sums problems and add up the 5 answers. When you are done, raise your hand and say the total.
3. If it is correct, go on to the total of the 5 Multiplication answers, and then the total of the 5 Division answers.
4. When all three are correct, you have completed a "Triple Jump". Take the next card.
5. If it is wrong, work it out again. You cannot go on until it is correct.
6. Set a time limit and compete to see how many cards you can finish.

53 Stations of the Tokaido (in teams)

1. Form teams of 3 (or 5), and give each player one card in number order.
2. Decide whether to use the front (A and B) or the back (C and D), and which problems to solve (Sums only, Multiplication and Division only, or all three).
3. On the signal, everyone solves the "Shin-Osaka" problems on their own card. Add up the answers of the whole team and show the total to the judge.
4. If it is correct, move on to "Kyoto", the next station. If it is wrong, work out that station again.
5. The first team to finish "Tokyo" wins.

Variations

- You can also choose just one subject, such as Sums only or Multiplication only, and compete to see how many cards you can finish within the time limit.
- In 53 Stations of the Tokaido, writing on the board which station each team has reached makes the game more exciting.
- You can also start with A on a single card and move on to B, C and D each time your total is correct.
- 53 Stations of the Tokaido can also be played on your own.

Triple Jump Cards Answer Sheet

Name		No.	Symbol	
	Sums	Multiplication	Division	Total
1				
2				
3				
4				
5				
Sum				

Triple Jump Cards Answer Sheet

Name		No.	Symbol	
	Sums	Multiplication	Division	Total
1				
2				
3				
4				
5				
Sum				

Answers Triple Jump Cards

Answer to each problem A

		A1	A2	A3	A4	A5
1	Sums	13,111	11,124	16,268	15,390	12,938
	Multiplication	47,040	41,616	24,867	40,584	44,109
	Division	90	63	40	73	53
	All 3 subjects	60,241	52,803	41,175	56,047	57,100

Answer to each problem C

		C1	C2	C3	C4	C5
1	Sums	372,528	239,326	165,762	360,990	294,653
	Multiplication	2,520,070	1,897,320	2,378,880	5,101,488	8,165,948
	Division	40	807	74	634	917
	All 3 subjects	2,892,638	2,137,453	2,544,716	5,463,112	8,461,518

Totals by subject A

	Sums	Multiplication	Division	Total
1	68,831	198,216	319	267,366

Totals by subject C

	Sums	Multiplication	Division	Total
1	1,433,259	20,063,706	2,472	21,499,437

Answer to each problem B

		B1	B2	B3	B4	B5
1	Sums	14,187	26,145	26,189	24,945	76,473
	Multiplication	535,335	144,786	362,596	394,009	166,654
	Division	503	35	129	28	649
	All 3 subjects	550,025	170,966	388,914	418,982	243,776

Answer to each problem D

		D1	D2	D3	D4	D5
1	Sums	2,512,269	1,161,557	506,543	2,189,925	2,422,004
	Multiplication	4,089,832	6,325,824	40,846,905	22,518,353	54,192,447
	Division	531	8,762	6,207	749	2,647
	All 3 subjects	6,602,632	7,496,143	41,359,655	24,709,027	56,617,098

Totals by subject B

	Sums	Multiplication	Division	Total
1	167,939	1,603,380	1,344	1,772,663

Totals by subject D

	Sums	Multiplication	Division	Total
1	8,792,298	127,973,361	18,896	136,784,555