

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
37	1,024	94	784	912	5,720	4,153	270	297	4,709
729	678	418	91	6,081	264	967	538	415	1,682
830	94	72	-274	79	-907	614	-641	621	6,241
94	589	59	-42	-603	-586	295	8,039	890	7,903
31	610	84	85	9,785	7,241	-307	461	253	8,324
52	38	-160	30	409	-923	891	305	9,460	2,786
128	53	21	581	-20	859	-459	9,724	506	9,851
75	136	7,835	796	78	-310	1,608	-571	860	6,139
640	710	91	103	245	601	7,862	4,203	4,738	5,073
8,719	6,492	-736	76	64	-4,528	-6,930	7,349	3,104	9,705
34	57	-650	-980	53	741	824	-957	879	3,461
605	20	2,398	-65	31	9,036	-370	860	985	5,248
2,864	52	-30	3,420	-257	4,389	752	-6,582	213	2,785
50	94	256	95	-814	638	3,248	216	7,426	3,049
691	837	740	2,316	63	517	-501	-981	5,731	6,150
$628 \times 45 =$	$915 \times 50 =$	$147 \times 72 =$	$457 \times 28 =$	$78 \times 120 =$	$39 \times 5,081 =$	$406 \times 127 =$	$6,971 \times 21 =$	$584 \times 851 =$	$902 \times 634 =$
$1,358 \div 97 =$	$1,464 \div 24 =$	$6,048 \div 72 =$	$3,108 \div 42 =$	$2,820 \div 30 =$	$43,089 \div 53 =$	$47,320 \div 845 =$	$31,008 \div 76 =$	$20,876 \div 307 =$	$12,544 \div 64 =$

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
71,094	540	730	6,025	64,502	901,784	751,936	542,361	96,410	752,641
8,412	26,984	62,854	417	80,674	123	548	725,906	13,805	278,569
4,170	3,576	53,608	89,572	-54,821	540,389	-32,901	297	81,423	840,392
-8,614	8,197	-90,564	4,783	28,736	653,972	85,127	621	492,016	-603,419
-7,052	240	8,975	90,641	-64,918	165,890	2,986	8,365	7,605	-317,982
89,136	531	-1,746	72,369	31,609	4,019	64,872	-42,580	20,847	458,061
274	41,925	381	8,406	19,742	76,305	340	-785,134	847,063	296,480
35,690	649	27,519	3,950	71,953	32,567	168,753	96,417	378	-809,735
508	25,807	-4,362	791	98,205	27,645	-6,028	-20,379	569	435,128
-256	6,031	-5,048	653	-85,147	8,412	-3,791	645	915,287	751,260
634	7,609	80,914	148	12,073	620	104,369	-10,872	74,613	820,796
-7,293	58,973	602	48,230	38,605	48,715	513,047	48,903	382,154	349,051
93,576	2,387	923	90,352	60,972	94,620	-20,894	-9,160	927	-963,714
358	18,602	3,172	271	-45,319	3,817	-95,240	580,937	5,290	371,865
-82,019	413	-917	6,815	-34,972	938	675	8,314	9,653	-407,532
$348 \times 1,680 =$	$9,378 \times 420 =$	$1,965 \times 734 =$	$7,960 \times 209 =$	$8,275 \times 596 =$	$965 \times 48,195 =$	$186 \times 51,728 =$	$48,627 \times 251 =$	$6,095 \times 8,534 =$	$2,395 \times 1,073 =$
$366,989 \div 721 =$	$147,150 \div 1,962 =$	$259,960 \div 268 =$	$130,640 \div 568 =$	$261,360 \div 605 =$	$386,284 \div 1,076 =$	$6,643,505 \div 869 =$	$3,636,288 \div 708 =$	$812,526 \div 5,682 =$	$3,949,169 \div 437 =$

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	15,579	11,484	10,492	7,016	16,106
	Multiplication	28,260	45,750	10,584	12,796	9,360
	Division	14	61	84	74	94
	All 3 subjects	43,853	57,295	21,160	19,886	25,560

Answer to each problem C

		C1	C2	C3	C4	C5
1	Sums	198,618	202,464	137,041	423,423	221,894
	Multiplication	584,640	3,938,760	1,442,310	1,663,640	4,931,900
	Division	509	75	970	230	432
	All 3 subjects	783,767	4,141,299	1,580,321	2,087,293	5,154,226

Totals by subject A

	Sums	Multiplication	Division	Total
1	60,677	106,750	327	167,754

Totals by subject C

	Sums	Multiplication	Division	Total
1	1,183,440	12,561,250	2,216	13,746,906

Answer to each problem B

		B1	B2	B3	B4	B5
1	Sums	22,752	12,647	22,233	36,378	83,106
	Multiplication	198,159	51,562	146,391	496,984	571,868
	Division	813	56	408	68	196
	All 3 subjects	221,724	64,265	169,032	533,430	655,170

Answer to each problem D

		D1	D2	D3	D4	D5
1	Sums	2,559,816	1,533,799	1,144,641	2,948,040	2,251,861
	Multiplication	46,508,175	9,621,408	12,205,377	52,014,730	2,569,835
	Division	359	7,645	5,136	143	9,037
	All 3 subjects	49,068,350	11,162,852	13,355,154	54,962,913	4,830,733

Totals by subject B

	Sums	Multiplication	Division	Total
1	177,116	1,464,964	1,541	1,643,621

Totals by subject D

	Sums	Multiplication	Division	Total
1	10,438,157	122,919,525	22,320	133,380,002