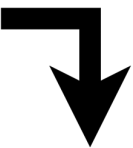
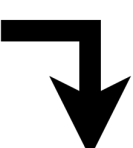
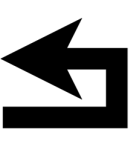
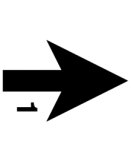
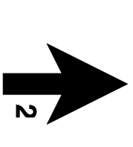
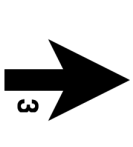
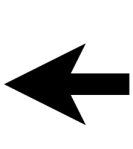


Name: _____

Date: _____

RoboRally Planning Sheet

Use the arrow shapes and notations below to plan your path through the Risky Exchange map in RoboRally. Assume that you are starting on the board in the open space at the end of the single conveyor belt next to the double conveyor belt. From there, plan movements to direct your robot to visit each of the three waypoints as shown in the rules. Don't forget that after each of your movements, the conveyor belts will move and the spinners will rotate!

Rotate Left	Rotate Right	U-Turn	Move 1	Move 2	Move 3	Back Up								
														
Rotate your robot 90° left	Rotate your robot 90° right	Rotate your robot 180°	Move your robot forward 1 space	Move your robot forward 2 spaces	Move your robot forward 3 spaces	Move your robot back 1 space								
Record one arrow (and speed if required) using the available commands shown above														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100	101	102	103	104	105

TEACHING THROUGH GAMES

TEACHING PROGRAMMING CONCEPTS THROUGH PLAY

	Important Detail	Reason Chosen
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

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