

Which TRIZ Card is effective?

Improvement needs		Very effective																																							
1	Moving object's weight	35	28	18	26	27	29	31	34	2	3	10	1	8	19	36	5	15	24	37	38	40	6	11	12	22	32	39	4	14	17	20	21	30	7	9	13	16	23	25	33
2	Motionless object's weight	35	10	19	28	1	2	15	18	26	13	22	29	6	8	27	32	39	5	14	17	30	3	9	11	20	25	37	40	4	7	12	16	21	23	24	31	33	34	36	38
3	Moving object's length	1	29	15	35	4	7	8	10	17	24	28	14	19	26	34	2	16	32	13	23	37	39	40	3	5	6	9	11	12	18	20	21	22	25	27	30	31	33	36	38
4	Motionless object's length	35	28	14	1	26	3	10	15	2	7	29	40	8	17	18	24	25	30	32	6	12	13	27	37	38	39	4	5	9	11	16	19	20	21	22	23	31	33	34	36
5	Moving object's surface area	2	15	13	26	30	4	10	14	17	29	32	1	18	19	28	3	34	39	6	16	35	36	5	7	9	11	22	23	24	33	40	8	12	20	21	25	27	31	37	38
6	Motionless object's surface area	18	2	35	10	16	30	40	4	36	39	1	7	15	17	32	14	26	38	3	9	19	22	23	27	28	29	37	5	6	8	11	12	13	20	21	24	25	31	33	34
7	Moving object's volume	1	35	2	10	29	4	15	34	6	7	13	40	16	25	26	28	36	39	14	17	18	22	30	37	9	11	12	21	24	27	38	3	5	8	19	20	23	31	32	33
8	Motionless object's volume	35	2	10	14	34	18	19	1	4	6	16	17	30	37	39	3	7	8	9	15	24	25	26	27	28	31	32	38	40	5	11	12	13	20	21	22	23	29	33	36
9	Velocity	28	13	35	10	19	34	38	2	1	8	15	18	32	3	14	26	27	29	24	30	4	5	6	7	11	12	16	20	21	23	25	33	36	40	9	17	22	31	37	39
10	Force (strength)	35	18	37	10	1	36	15	19	28	3	13	21	2	14	17	40	8	9	11	12	24	29	5	16	20	23	25	26	27	34	4	6	7	22	30	31	32	33	38	39
11	Stress or pressure	35	10	36	37	2	14	19	1	3	6	15	18	40	4	13	16	24	25	27	28	33	9	11	21	22	29	34	39	5	7	8	12	17	20	23	26	30	31	32	38
12	Shape	10	1	14	15	32	34	35	2	4	29	40	13	22	26	5	17	28	3	6	7	16	18	30	8	9	19	25	33	36	37	39	11	12	20	21	23	24	27	31	38
13	Stability of the object's composition	35	2	39	27	40	1	13	15	18	32	10	23	28	30	3	19	22	4	14	16	21	26	34	6	8	9	11	17	29	31	33	37	5	7	12	20	24	25	36	38
14	Durability	3	35	10	40	15	27	28	14	26	1	29	2	8	11	13	18	32	9	17	19	30	7	16	22	31	34	37	4	5	6	12	20	21	23	24	25	33	36	38	39
15	Moving object's operating time	19	35	3	10	27	2	28	4	13	16	18	29	39	1	5	6	14	15	17	22	40	9	11	12	20	21	25	26	30	31	33	34	38	7	8	23	24	32	36	37
16	Motionless object's operating time	35	1	10	16	40	6	27	34	38	3	18	19	20	2	17	22	23	24	25	26	28	31	33	36	39	4	5	7	8	9	11	12	13	14	15	21	29	30	32	37
17	Temperature	35	19	2	3	22	17	18	21	32	39	10	15	16	27	30	36	24	28	38	40	4	6	9	14	26	31	1	13	23	25	29	33	34	5	7	8	11	12	20	37
18	Intensity of illumination	19	32	1	35	15	26	2	6	13	16	10	3	17	28	39	11	25	27	30	4	5	7	8	9	12	14	18	20	21	22	23	24	29	31	33	34	36	37	38	40
19	Moving object's energy consumption	35	19	18	2	15	28	12	6	24	1	13	16	17	27	32	3	5	14	21	23	25	26	29	38	8	9	11	22	30	31	34	37	4	7	10	20	33	36	39	40
20	Motionless object's energy consumption	19	35	18	27	1	2	4	6	10	22	31	36	37	3	9	16	23	25	28	29	32	5	7	8	11	12	13	14	15	17	20	21	24	26	30	33	34	38	39	40
21	Output	35	19	2	10	38	26	34	6	17	16	28	31	32	15	18	20	22	25	27	29	30	36	37	1	4	8	13	14	24	40	3	5	7	9	11	12	21	23	33	39
22	Energy loss	7	35	2	6	18	19	38	10	15	32	23	1	3	13	17	21	22	26	28	30	9	11	14	16	25	27	29	36	37	39	4	5	8	12	20	24	31	33	34	40
23	Object loss	10	35	18	28	31	2	24	27	3	29	39	40	6	15	34	1	13	14	30	36	38	5	16	22	23	32	33	12	21	37	4	7	8	9	11	17	19	20	25	26
24	Information loss	10	26	35	22	19	24	28	32	1	23	30	2	5	13	15	16	21	27	33	3	4	6	7	8	9	11	12	14	17	18	20	25	29	31	34	36	37	38	39	40
25	Time loss	10	35	18	28	4	5	32	34	20	24	26	16	29	17	30	37	1	2	3	6	19	22	36	38	39	14	15	21	7	8	9	11	12	13	23	25	27	31	33	40
26	Object quantity	35	3	29	18	10	14	27	40	2	15	28	31	25	34	6	13	16	17	24	33	39	1	4	7	8	20	26	30	32	36	38	5	9	11	12	19	21	22	23	37
27	Reliability	35	11	10	3	28	40	27	1	2	8	13	21	24	32	4	14	29	15	16	17	19	23	26	6	9	25	30	31	34	36	38	39	5	7	12	18	20	22	33	37
28	Measurement accuracy	32	28	6	26	3	10	13	24	35	34	1	2	16	5	11	25	27	17	18	19	22	23	31	33	39	4	7	8	9	12	14	15	20	21	29	30	36	37	38	40
29	Production accuracy	32	28	10	2	18	26	35	3	27	29	30	36	1	13	19	23	25	34	40	4	9	11	17	24	31	33	37	39	5	6	7	8	12	14	15	16	20	21	22	38
30	Harmful factors the object will receive	22	35	2	1	33	18	19	24	28	39	27	40	10	13	37	21	29	31	34	3	17	23	26	4	6	11	15	25	30	32	5	7	8	9	12	14	16	20	36	38
31	Harmful factors the object will release	22	35	2	1	39	18	40	15	17	19	21	24	3	27	33	4	10	16	26	28	31	34	6	23	29	30	32	5	7	8	9	11	12	13	14	20	25	36	37	38
32	Production facility	1	35	13	27	28	16	24	12	15	26	2	4	11	18	29	8	10	17	19	32	34	40	3	5	6	9	23	33	36	37	7	14	20	21	22	25	30	31	38	39
33	Control facility	1	13	2	12	25	28	32	34	15	35	16	17	3	4	10	18	24	27	39	8	26	29	40	5	6	19	22	23	30	31	7	9	11	14	20	21	33	36	37	38
34	Repair facility	1	10	2	11	35	13	15	25	16	32	27	28	4	34	7	9	3	12	18	19	26	29	31	5	6	8	14	17	20	21	22	23	24	30	33	36	37	38	39	40
35	Adaptability or flexibility	35	1	15	29	16	13	2	6	3	8	10	19	28	37	7	14	27	30	31	32	34	4	5	9	11	17	18	20	22	24	26	12	21	23	25	33	36	38	39	40
36	Device complexity	13	26	1	28	2	10	19	29	15	24	34	35	17	27	6	16	22	30	36	37	3	4	9	12	14	20	32	39	40	5	7	8	11	18	21	23	25	31	33	38
37	Detection and measurement difficulty	28	35	16	26	27	1	2	18	19	3	29	13	15	24	39	10	22	32	4	5	6	11	17	21	25	30	34	36	37	40	8	9	12	31	33	38	7	14	20	23
38	Automation range	35	13	28	26	1	2	10	18	27	32	23	34	5	12	14	15	17	19	24	25	33	3	4	6	8	9	11	16	30	7	20	21	22	29	31	36	37	38	39	40
39	Productivity	10	35	28	1	18	2	26	38	24	34	37	7	14	15	17	19	22	3	13	20	23	27	29	32	39	4	5	6	12	16	21	25	30	31	36	40	8	9	11	33