

4.1 Preparing a list of **metrics**

mountain bike suspension fork

ID	Metric	Imp.	Unit
9	Maximum tire width	5	in.
10	Time to assemble to frame	1	s
11	Fender compatibility	1	List
12	Instils pride	5	Subj.
13	Unit manufacturing cost	5	US\$
14	Time in spray chamber without water entry	5	s
15	Cycles in mud chamber without contamination	5	k-cycles
16, 17	Time to disassemble/assemble for maintenance	3	s
17, 18	Special tools required for maintenance	3	List
19	UV test duration to degrade rubber parts	5	hr
19	Monster cycles to failure	5	cycles
20	Japan Industrial Standards test	5	binary
20	Bending strength (frontal loading)	5	kN

