Student’s name: …………………………………………………………………………………………………………………………………

**Worksheet 1.2**

**Product Design and Development**

**1. For each idea, list as many benefits as possible**

**1.1 Make less, instead of more money**

**1.2 Give employees a raise by random lottery instead of systematic evaluation**

**1.3 Do not fix pot holes on the streets.**

**1.4 Let elementary students learn high school and university subjects**

**(The instructor could give a hint on the technique- think on the bright side)**

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**2. A frequently occurring idea is to install a windshield wiper on eyeglasses to keep them clear during the rain. Some inventors take pleasure in creating such gadgets. What would be your suggestions to such inventor? (The instructor could give a hint on the technique - rethinking the objective).**

**4. How would you improve teacher-student ratio without changing the number of teachers and students? (The instructor could give a hint on the technique - rethinking the objective).**

**5. If you want to paint the ceiling, you use a ladder. However it becomes more difficult when you want to paint the ceiling above the stairs? In this case your friend formulate the problem as follows: “how would you place a ladder on the stairs so that you can paint the above ceiling?” As a creative thinker, what would be your recommendation? (The instructor could give a hint on the technique - rethinking the objective).**