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**

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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?**

**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?**