## Exercise 97A - Grignard Reactions

What is the product of the following reactions?


1) BuLi, THF
2) $\mathrm{H}_{3} \mathrm{O}^{+}$

3) $\mathrm{CH}_{3} \mathrm{CHO}$
4) $\mathrm{H}_{3} \mathrm{O}^{+}$
$\mathrm{H}_{3} \mathrm{C}=\mathrm{Li}$
5) 
6) $\mathrm{H}_{3} \mathrm{O}^{+}$

What combination of an organometallic and carbonyl compound will give the following products?


