

## Practice Quiz #34 Answers

- ① Increase
- ② decrease
- ③ Increase
- ④ Increase
- ⑤ The same;  $\Delta G$  is same size for both
- ⑥ #2, lower activation energy.
- ⑦ #1.
- ⑧ Adding a catalyst does not change sign or size of  $\Delta G$ .