A Zero Marks Quiz on Dictionaries

Question 1

(10 fake marks) Write a function called `read_words(fname)` that reads a file of words, one per line, and returns them in a dictionary. The keys are the words, and the values are all 1. Ignore any duplicate words.

Make sure to strip-off any whitespace characters from the beginning and end of each word.

For example, suppose `words.txt` contained these words:

```
shoes
hats
glove
shoes
socks
```

Then:

```
>>> word_dict = read_words('words.txt')
>>> word_dict
{'shoes': 1, 'hats': 1, 'glove': 1, 'socks': 1}
```

Your answer should use correct syntax, correct and consistent indentation, and general good Python style. Your code should **not** do any unnecessary work.

Question 2

(10 fake marks) Write a function called `get_misspelled(line, word_dict)` that returns an *alphabetically sorted list* of all the misspelled words in the string `line`. A word is considered misspelled if it is *more than one character long* and also *doesn't appear as a key* in `word_dict`.

If the same misspelled word appears more than once, then only include it once (so there are no duplicates in the returned list).

For example, assuming `words.txt` is the same as in the previous question:

```
>>> words = read_words('words.txt')
>>> get_misspelled('I like socks and I like gloves', words)
['and', 'gloves', 'like']
```

Your answer should use correct syntax, correct and consistent indentation, and general good Python style. Your code should **not** do any unnecessary work.