[SPOILERS] Practice Problems for Section 7 -- Solutions

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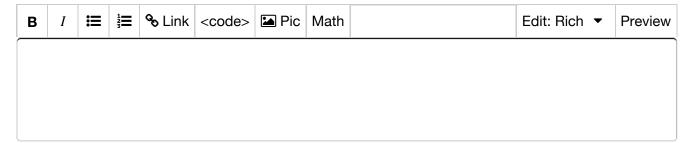
```
## Sample solution for Guess The Word practice problem (section 7)
## Targets 1.9.3
require_relative './section-7-provided'
class ExtendedGuessTheWordGame < GuessTheWordGame</pre>
  ## YOUR CODE HERE
 # There's not much that we can (or want) to change here without changing the base cl
ass.
end
class ExtendedSecretWord < SecretWord</pre>
  ## YOUR CODE HERE
  def initialize word
    super word
    @lc_word = word.downcase
    self.pattern = ""
    self.word.each_char do Icl
      self.pattern += is_a_letter?(c) ? '-' : c
    end
    @guessed = ''
  end
  def valid_guess? guess
    g = guess.downcase
    super(g) && is_a_letter?(g) && !(@guessed.index g)
  end
```

```
def guess_letter! letter
    found_dc = super(letter.downcase)
    found_uc = super(letter.upcase)
    @guessed += letter.downcase
    found_dc || found_uc
  end
  private
  def is_a_letter? letter
    letter =~ /[[:alpha:]]/
  end
end
## Change to `false` to run the original game
if true
  ExtendedGuessTheWordGame.new(ExtendedSecretWord).play
  GuessTheWordGame.new(SecretWord).play
end
```

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