

# Preparation: Creative Thinking

This is an individual assignment.

Please read through the [Preparation article](#) before you fill out this form.



\* Indicates required question

Email \*

Your email

Select all the correct sentences about creative ideation techniques. \*

- Challenging implicit assumptions is a form of constraint relaxation.
- Analogizing is a form of constraint relaxation.
- Analogizing is a form of re-encoding.
- Challenging implicit assumptions is a form of elaboration.



Match each real-life product with its most appropriate description. \*

Creative -  
both novel  
and useful

Novel, but  
not useful

Useful, but  
not novel

Implicit assumptions about problem \*

Select only the implicit assumption/s about the following problem:

Many drivers are distracted by notifications on their smartphone, a behavior that can lead to car accidents.

The list below may contain any number of correct answers, from none to all of them.

- Touching and/or looking at a smartphone while driving is dangerous.
- Many drivers have notifications turned on their smartphone while driving.
- Being distracted while driving can lead to car accidents.
- Many drivers have their smartphone facing them or next to them while driving.



### Analogies to problems \*

Select appropriate source problems for the following target problem:

Design a solution for round-the-clock delivery of aid and supplies to city dwellers affected by a severe earthquake.

The source problems are taken from [https://en.wikipedia.org/wiki/Bat#Anatomy\\_and\\_physiology](https://en.wikipedia.org/wiki/Bat#Anatomy_and_physiology)

The list below may contain any number of correct answers, from none to all of them.

- Bats can hang upside down with no special effort due to the clenched position of their feet also being their relaxed position.
- Bats can use their wings to wrap around their bodies for warmth.
- Bat wings can change shape mid-flight to allow for sharp turns.
- Bats use echolocation with sonar to detect obstacles and find prey even in dark spaces.

If there was anything you were not sure about to do with this assignment, or if you would like to leave a comment about the assignment, please do so here.

Your answer

A copy of your responses will be emailed to the address you provided.

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