

## Superhero Syllogisms 1 Solutions

All these superhero syllogism rely on the pattern:

FACT 1: ALL X ... Y

FACT 2: Z is a X

Therefore we can conclude from these facts alone that

NEW FACT: Z ... Y

For example:

FACT 1: ALL superheroes ... fight crime.

FACT 2: Ghost Girl is a superhero

Therefore we can conclude from these facts alone that

NEW FACT: Ghost Girl ... fights crime.



1. Answer: b.

FACT 1: ALL superheroes ... do good.

FACT 2: The Invisible Woman is a superhero

Therefore we can conclude from these facts alone that

NEW FACT: The Invisible Woman ... does good.

2. Answer: a.

FACT 1: ALL superheroes ... sometimes accidentally do harm.

FACT 2: Jamila is a superhero

Therefore we can conclude from these facts alone that

NEW FACT: Jamila ... sometimes accidentally does harm.

3. Answer: d.

FACT 1: ALL supervillains ... laugh in an evil way.

FACT 2: The Spider is a supervillain.

Therefore we can conclude from these facts alone that

NEW FACT: The Spider ... laughs in an evil way.

4. Answer:

**EITHER: Some superheroes do NOT have superpowers**

**OR: The Angel is NOT a superhero.**

FACT 1: ALL superheroes ... have superpowers.

FACT 2: The Angel is a superhero

Therefore we can conclude from these facts alone that

NEW FACT: The Angel ... has superpowers.

Something has gone wrong. We are told that The Angel has no superpowers. They just wear a special flying suit. The new fact is therefore not true. This means that one of the original 'facts' was not actually true.