

## KEY: Nuclear Warfare: Test Your Knowledge

Nuclear warfare is the use of nuclear weapons to wage war. This situation can create terrible consequences for individuals in affected regions. Test your knowledge of nuclear warfare with these questions. Use another sheet of paper to respond to the free response questions and remember to provide support for your answers.

### Multiple Choice

Please circle the correct answer.

#### 1. Which of these power nuclear weapons?

- a. Oil
- b. Fission and fusion reactions
- c. Evaporation of water
- d. None of the Above

Website: [Synthetic Disasters > Nuclear War > Overview](#)

#### 2. How many nuclear weapons have been used in war situations?

- a. 1
- b. 2
- c. Approximately 100
- d. None of the Above

Website: [Synthetic Disasters > Nuclear War > Overview](#)

#### 3. Up to what distance can a nuclear explosion cause structural damage?

- a. 1 mile
- b. 8.5 miles
- c. 13.5 miles
- d. None of the Above

Website: [Synthetic Disasters > Nuclear War > Consequences](#)

### Short Answer

Please write the answers on a separate sheet of paper.

#### 4. What are the two types of nuclear weapons?

The atom bomb and the hydrogen or thermonuclear bomb.

Website: [Synthetic Disasters > Nuclear War > Overview](#)

#### 5. What does Mutually Assured Destruction (MAD) mean?

If a nation fires a nuclear weapon, the nation attacked

would retaliate and both would be doomed.

Website: [Synthetic Disasters > Nuclear War > Overview](#)

#### 6. What were the consequences of the explosions at Hiroshima and Nagasaki?

140,000 were killed instantly and approximately 180,000 have died from complications due to radiation.

Website: [Synthetic Disasters > Nuclear War > Past Incidents](#)

### Abstract & Logic

Please note that abstract and logic questions do not have any right or wrong answer. These questions are best suited towards class discussions.

#### 7. Should the United States have used nuclear weapons to end World War II? Defend your answer.

Yes, it forced Japan to surrender.

No, the US could have used more conventional weapons or diplomatic talks to end the war.

Website: [Synthetic Disasters > Nuclear War > Case Study](#)

#### 8. Why do you think nuclear weapons have not been used in war since 1945? Defend your answer.

Possible answers:

- ♦ People are aware of their horrible consequences.
- ♦ Not used for same principle they were not used during the Cold War: Mutually Assured Destruction.