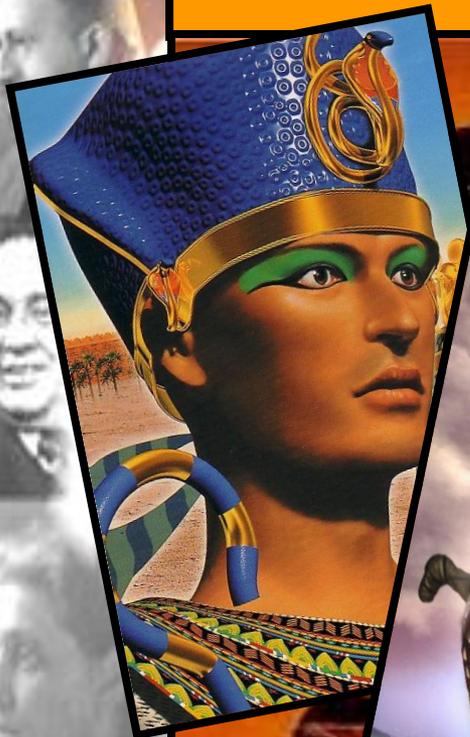


# DR. HARTNELL

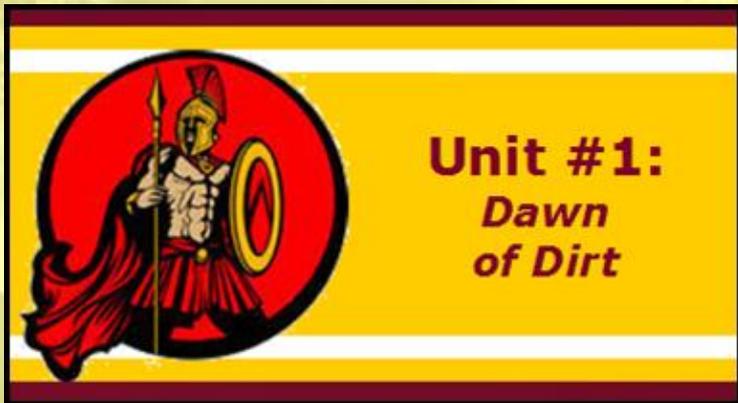


Dawn of Dirt



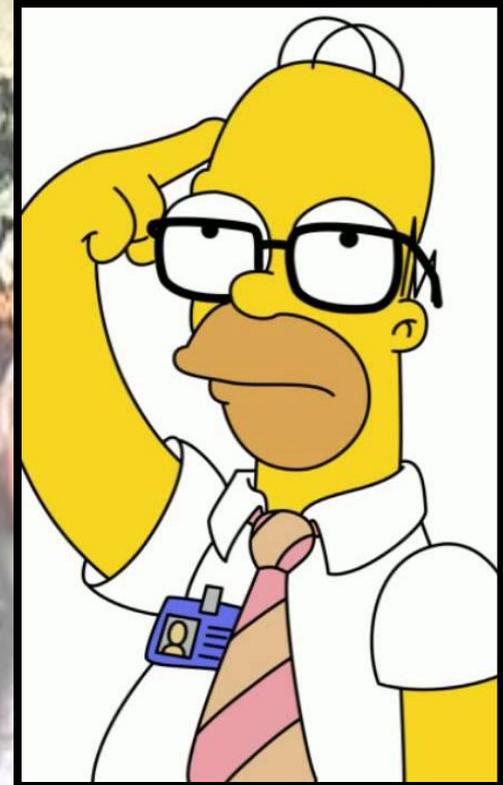


## TODAY'S UNIT & LESSON



# Lesson 3

(MW 1.03)



ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ

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**UNITED STATES OF WAR:**

*How many MAJOR wars have seen U.S. participation?*

*How many have the U.S. won?*

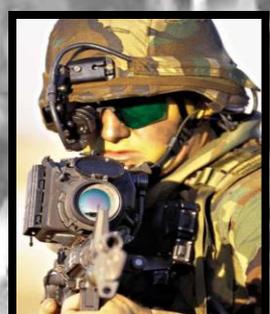
*How many have the U.S. lost?*

*How many military operations have involved U.S. troops?*



ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ

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**UNITED STATES OF WAR:**

The **U.S.** has been at war for **223** of its **245** years.

In other words...

There have **only** been **21** calendar **years** in which the **U.S.** did **not** wage any **wars**.



ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ

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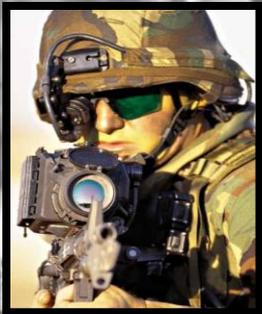


## UNITED STATES OF WAR:

Pick any year since 1776, and there is a 91% chance that America was involved in some war during that year.

**Every** single U.S. **President has been** in office while America was **at war**.

The U.S. has never gone a decade without war.



ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ

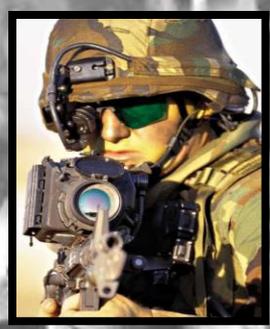
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# UNITED STATES OF WAR:

The **only time** the **U.S. went five years without a war (1935-1940)** was **during** the isolationist period of the **Great Depression.**

Here are the years in which the U.S. was NOT involved in war:



ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ

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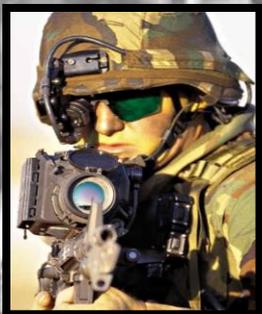
## UNITED STATES OF WAR:

**18<sup>th</sup> Century (2):** 1796, 1797

**19<sup>th</sup> Century (8):** 1807, 1808,  
1809, 1826, 1828, 1829, 1830,  
1897

**20<sup>th</sup> Century (10):** 1935, 1936,  
1937, 1938, 1939, 1940, 1976,  
1977, 1978, 1997

**21<sup>st</sup> Century (1):** 2000



ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ

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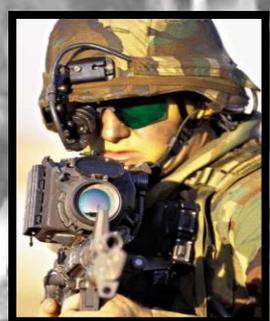


# UNITED STATES OF WAR:

**Since** the end of **World War II** in 1945, there have been **248** **armed conflicts** in 153 locations around the world.

The **U.S.** launched **201** of these overseas operations.

U.S. is responsible for 41% of the world's military spending.



ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ

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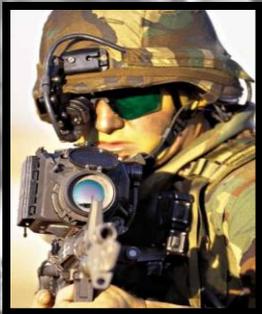


## UNITED STATES OF WAR:

The next largest spenders are:  
China (8.2%), Russia (4.1%),  
England (3.6%), France (3.6%).

U.S. spends 15% of its entire  
budget on military (ranges \$600  
billion to \$1 trillion).

The **U.S.** maintains 700-1,000  
**military bases** in **over 100**  
**countries.**



ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ

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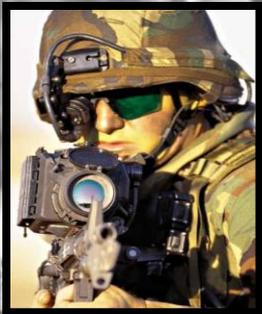


## UNITED STATES OF WAR:

A **2014** Gallup International Poll of world countries found the greatest threat to peace is...

... the United States.

Among Americans, we voted our own nation as 4<sup>th</sup> most dangerous to peace, with adults 18-24 putting us at #1.



ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ

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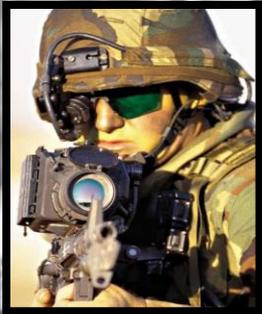


**UNITED STATES OF WAR:**

**Of course...**



***...except for ending  
slavery, Fascism,  
Nazism, and  
Communism, war has  
never solved anything...***



**ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ**

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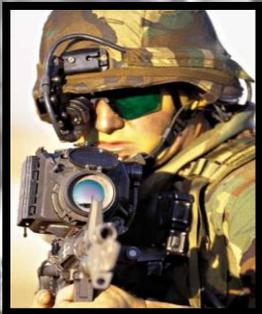


# UNITED STATES OF WAR

*Are Americans more prone to being violent than people living in other countries?*



*Does this somehow make Americans more willing (or likely) to go to war?*

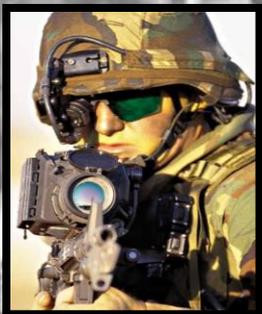


*Or is it something bigger than just being "an American"?*



ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ

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## WHAT IS WAR?

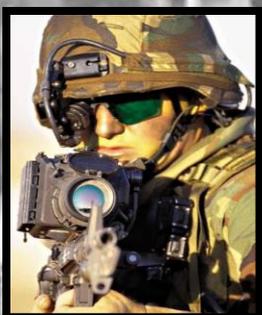
**War is a conflict involving the organized use of weapons and physical force by states (a.k.a. countries) or other large-scale groups.**

**To be considered a war, at least 1,000 soldiers (combined between the warring sides) must be KIA per year.**



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# WHAT IS WAR?

**Warring sides** usually **hold territory**, which they can win or lose; **and** each side **has a leading person** or organization **which can surrender**, or collapse, thus ending the war.

Until the end of World War II, participants usually issued formal declarations of war.



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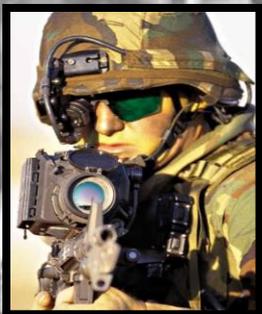
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## WHAT IS WAR?

The actual **word “war”** is from an Ango-Norman French variant of the Old French word “*guerre*” from a Germanic base shared by **the word “worse”**.

The media often refers to wars by other names – such as “*armed conflicts*”, “*hostilities*”, “*operations*”, “*police actions*”.



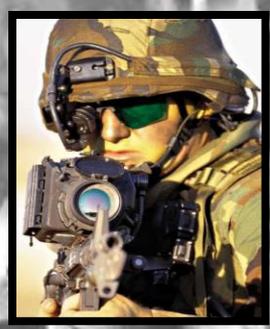
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# WHAT IS WAR?

**Organized warfare began,** along with Western civilization, **in the Fertile Crescent in Mesopotamia.** The people were nomadic until the discovery of seeds that could be cultivated and animals that could be domesticated led to the establishment of settled communities.



ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ

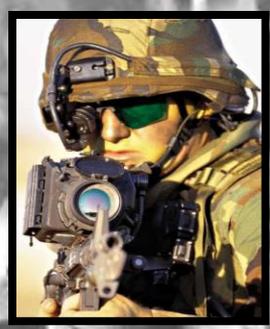
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## WHAT IS WAR?

**Military forces were initially organized to defend these communities from marauders.**

However, the pressures of **increased population** and herds **resulted in boundaries being pushed outward** at the expense of neighboring people.



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# WHAT IS WAR?

Beginning around **3500 BC**, the Middle East from Mesopotamia to Egypt was in constant turmoil as empires rose and fell.

The history of war can be broken into 7 time periods.



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# WHAT IS WAR?

1. Prehistoric Warfare

2. Ancient Warfare

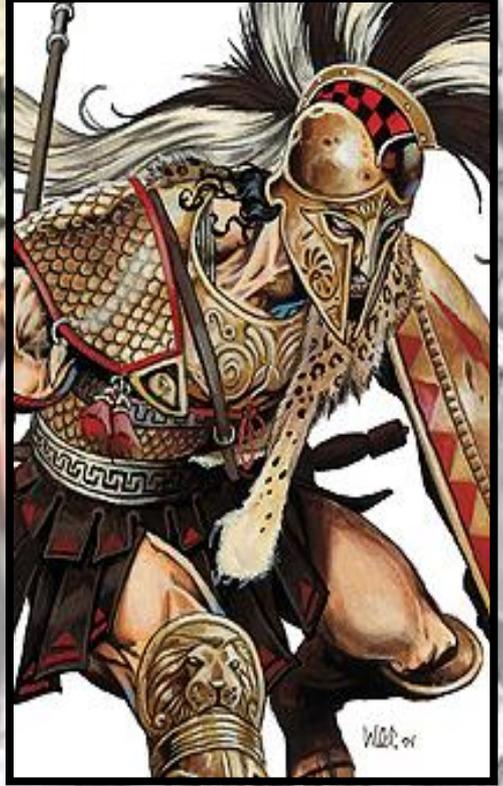
3. Greco-Roman Warfare

4. Medieval Warfare

5. Modern Warfare

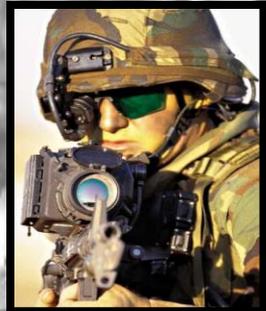
6. Nuclear Warfare

7. The War on Terrorism



ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ

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**WHY DO WE FIGHT?**

*“Let him who desires peace prepare for war.”*

**Poll society on the cause of war, and you will get a wide variety of answers.**

**Advocates of a weapons freeze will tell you armaments cause war.**



**ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ**

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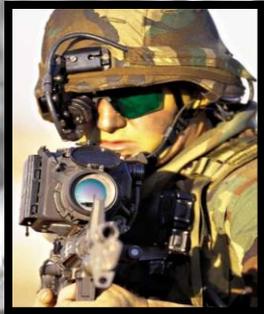


## WHY DO WE FIGHT?

Born-again Christians will tell you that human nature is the cause of war.



Marxists will say the capitalist system causes war.



Before we examine any of these claims, let's look at the **concept of causation** itself.



ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ

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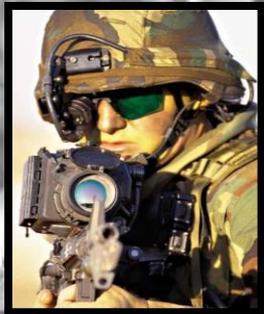
## WHY DO WE FIGHT?

One thing that becomes quickly obvious is that we **attribute nothing to just ONE cause**. We identify some thing or some event as a **“result”** (or **“effect”**) and talk about all the conditions necessary before that effect could occur. We call these conditions the **“causes”**.



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## WHY DO WE FIGHT?

Imagine you open a matchbook, take out a match, and strike it on the cover...  
**POOF... a flame appears.**

The flame is the effect...  
*so what is the cause?*



ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ

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## WHY DO WE FIGHT?

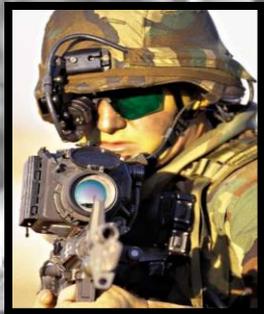
If you performed the same act on the moon, no flame would appear. One condition is oxygen.

If you struck so hard that the match head flew off, it might produce a flash, but no flame. Another condition is fuel provided by paper match stem.



ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ

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## WHY DO WE FIGHT?

If you did not apply energy to striking the head against the cover, no flame would appear because the match would not be hot enough to ignite. The final condition is heat.

*Heat + Fuel + Oxygen = Flame.*  
Take away any of those and there is no fire.



ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ

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## WHY DO WE FIGHT?

Compared to human behavior, such as the transformation of a peaceful assembly into a mob, simple chemical reactions (such as flaming matches) are easy to explain. However, the appearance of the flame is more complex than we need (or care) to know.



ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ

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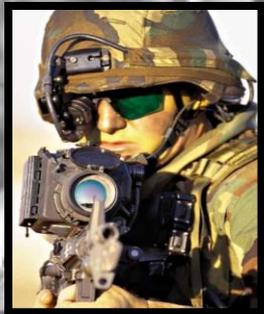
## WHY DO WE FIGHT?

Consider one form of fire... the forest fire. Like all fires, forest fires are caused by: Oxygen + Fuel + Heat. Yet, if our purpose is to prevent them, we ignore two and concentrate entirely on the third.



ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ

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## WHY DO WE FIGHT?

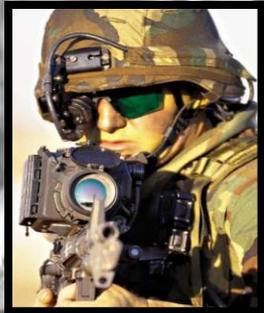
### Causes of U.S. Forest Fires

<u>Causes</u>	<u>Percent</u>
<i>Man-made</i>	<b>34%</b>
Lightning	21%
Debris burning	16%
(Others)	13%
Equipment use	08%
Smoking	06%
Campfires	02%



ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ

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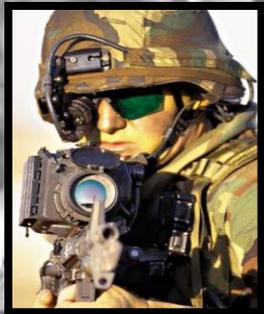
## WHY DO WE FIGHT?

The list does not mention anything related to oxygen or fuel. Logically, we could prevent forest fires by removing all oxygen by building plastic domes filled with CO<sub>2</sub>. But because such plans are not feasible we don't consider them.



ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ

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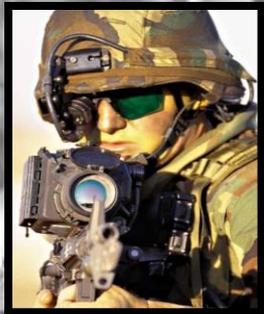
## WHY DO WE FIGHT?

Likewise, we could remove all the fuel by cutting down all the trees. Again, we don't consider such a plan (unless we enjoy seeing hippies sawed in half). We concentrate, instead, on the third condition... heat.



ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ

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## WHY DO WE FIGHT?

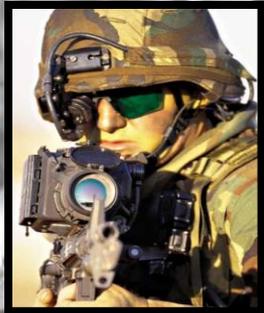
We can subdivide HEAT into:

1. Heat from human actions
2. Heat NOT from humans



ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ

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## WHY DO WE FIGHT?

The example of forest fires provides 2 important insights on causation:

1. Smokey the Bear is wrong when he says, *“Only you can prevent forest fires.”*

*Why is Smokey wrong?*



ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ

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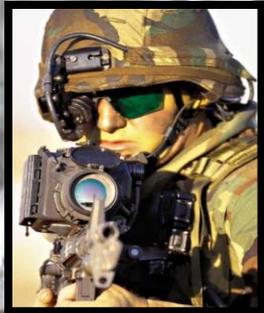
## WHY DO WE FIGHT?

**2.** The second most frequent cause of forest fires in the U.S. is lightning... and that is quite beyond our capabilities to prevent. **BUT**, because we can *try* to control arson, we now look into the purpose, intention, and motivation.



ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ

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## WHY DO WE FIGHT?

The exact means of applying heat (match or blowtorch) is less significant than the motivation in the minds of the persons applying the heat.



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## WHY DO WE FIGHT?

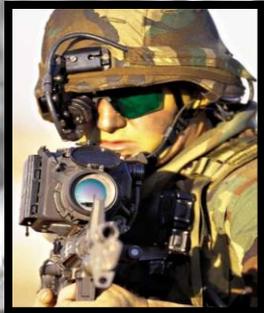
What we take from this is that for any given effect, we can identify multiple causes for anything.

Once we know the causes, we narrow them down, focus on the causes that are within our control, and maybe even try to fix them.



ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ

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# WHY DO WE FIGHT?

*Still, why do wars occur?*

**Wars occur because...**

1. States' **leaders have** at their disposal instruments of violence (**weapons**).



ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ

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## WHY DO WE FIGHT?

*Still, why do wars occur?*

Wars occur because...



**2. States' leaders don't use other ways of settling their grievances (i.e. they don't "use their words").**



ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ

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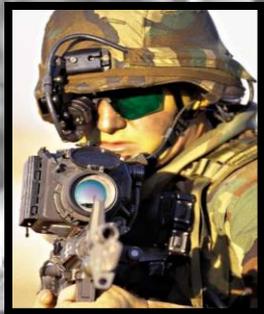
## WHY DO WE FIGHT?

*Still, why do wars occur?*

Wars occur because...

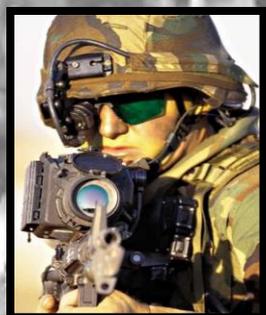


**3. States' leaders believe they can win.**



ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ

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**WHY DO WE FIGHT?**

*Still, why do wars occur?*

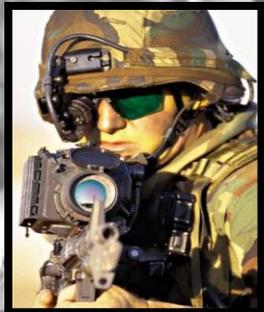
**Wars occur because...**

**4. One or more states choose to use force and the victim or victims choose to resist.**



**ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ ΜΟΛΩΝ ΛΑΒΕΣ**

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## WHY DO WE FIGHT?

If you asked society, you would probably find the theory that **most people** subscribe to places the **blame** for the cause of war on **human nature**.

The popularity of this theory is a legacy of the Christian tradition.



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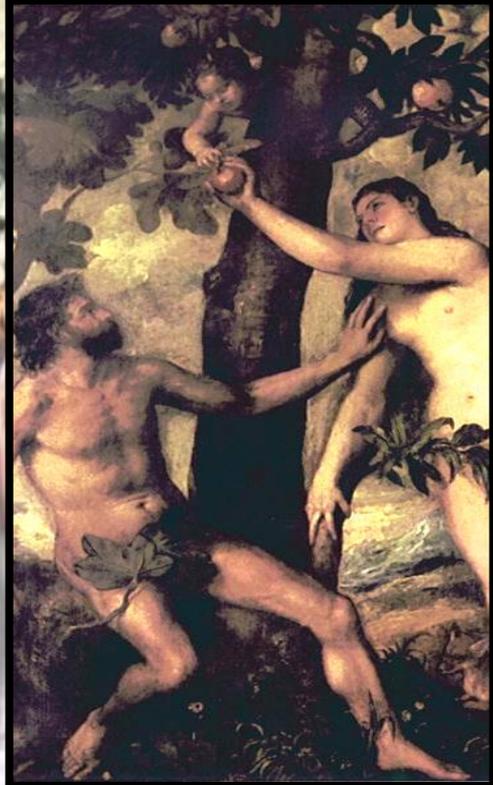
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## WHY DO WE FIGHT?

Christian teachers have held that human nature is not good nor capable of becoming good (because of our inability to live in harmony with one another).

**All people have inherent evil desires (“original sin”),** which stems from Adam’s fall from grace in the Garden of Eden.



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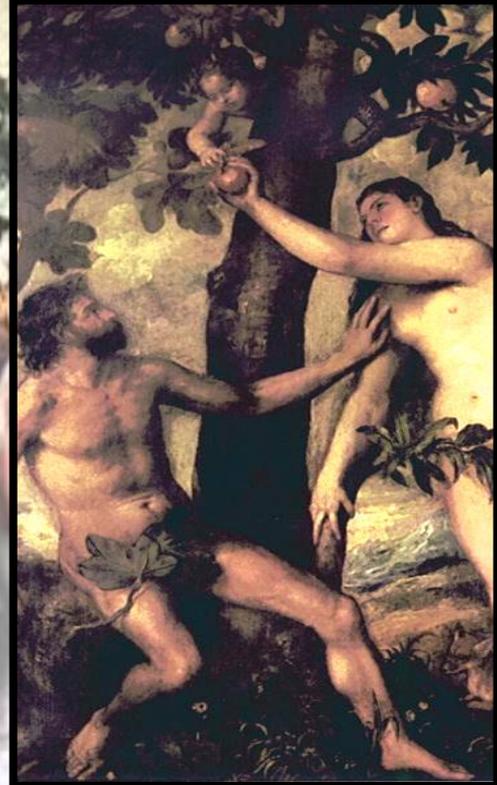
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## WHY DO WE FIGHT?

These desires make **people** want what they have no business wanting and prompt them to **use violence to fulfill** these **desires**.

As a result, **wars are a growth from our evil individual nature**, because states are composed of individuals.



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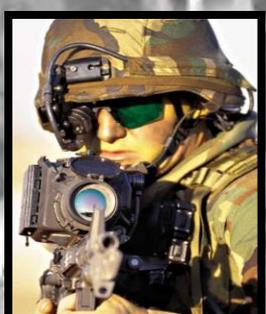


## WHY DO WE FIGHT?

Only when individuals change  
can states change... *right?*



This pessimistic view of human nature is by, no means, confined to Christians. **All major religions point to the shortcomings of humankind as being the root of evil.**



ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ ΜΟΛΩΝ ΛΑΒΕ

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WHAT  
DID WE  
LEARN  
TODAY?



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**FAST 5: UNIT 1, LESSON 3 (MW 1.03)**

**QUESTION 1** 

1. TBA



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**FAST 5: UNIT 1, LESSON 3 (MW 1.03)**

**QUESTION 2** 

2. TBA



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**FAST 5: UNIT 1, LESSON 3 (MW 1.03)**

**QUESTION 3** 

3. TBA



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**FAST 5: UNIT 1, LESSON 3 (MW 1.03)**

**QUESTION 4** 

4 . TBA



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**FAST 5: UNIT 1, LESSON 3 (MW 1.03)**

**QUESTION 5**

5. TBA



- ! THINK
- ✓ CHECK
- > SUBMIT



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