

# SAVAGE SUN PART 1

NAME \_\_\_\_\_ HR \_\_\_\_\_

## TASK 1

What would happen to the Earth if we were too close to the sun? Too far? Draw or write.

## TASK 2

The sun can be thanked for giving us oxygen. How? Draw or write.

## TASK 3

When hydrogen burned, the Hindenburg exploded and burned up. But if that hydrogen had FUSED what would have happened to New York? Draw or write.

## TASK 4

Describe fusion. How many hydrogens does it take to make one helium? Where does the missing matter go? Make a drawing and label it.

**TASK 5**

What is a nebula made of? What can be made from a nebula?  
Write and explain.

**TASK 6**

What 2 forces help the sun keep its shape? (What pulls the sun together and what pushes the sun apart?) Make a drawing and label it.

**TASK 7**

Why are coronal loops and prominences often curved into a loop shape? Write and explain.

**TASK 8**

What kind of waves can hit Earth after a solar flare shoots out directly toward it? What are the possible negative effects here on Earth? Write or draw.