## How things are made: cars

Name:	Date:	Mark:

On the Web Site: <a href="http://manufacturing.stanford.edu/">http://manufacturing.stanford.edu/</a>, watch the film called "cars" and then answer the questions below:

When the question is about numbers, the answer must be written like that: "two hundred and three (203)"

- 1) How many jobs does the car industry generate in the US?
- 2) How many aircrafts are manufactured in the US each year?



- 3) How many cars are sold each year in the US?
- 4) How many parts is supposed to have an aircraft?
- 5) How many parts are needed to build a car?
- 6) How many parts are needed to make a motorcycle?



7) What is the purpose of the diagram shown on the screen?



- 8) What is the first crucial ingredient to make a car?
- 9) What is the weight of one spool of precious draw quality steel?
- 10) How many Mustangs can you make with one spool of steel?
- 11) How much steel is needed per car?
- 12) How many Mustangs are assembled every day?

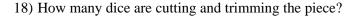


- 13) What is the capacity of the remote control crane?
- 14) What is done on the first stop?



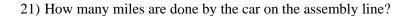
- 15) How do you call the device used to move the stacked cut steel?
- 16) The huge stamping press exerts enough crushing power to..
- 17) How much time is

spent between the passing of two Mustangs?

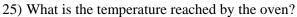




- 19) To what panel of the Mustang does the piece shown on the screen correspond?
- 20) Which section is now complete?



- 22) What is the most popular colour for a Mustang?
- 23) How many different colours are offered for a Mustang?
- 24) How long does the entire painting process take?







26) When did the production of the Ford Mustang begin?



http://manufacturing.stanford.edu/