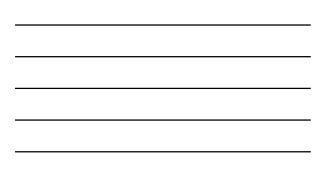




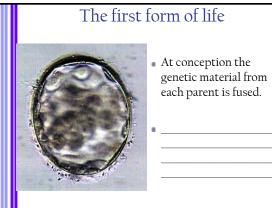
### The real "Amazing Race"

 Every human begins very simply with the meeting of one <u>sperm</u> and one <u>ovum (egg)</u>.





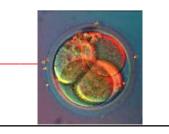




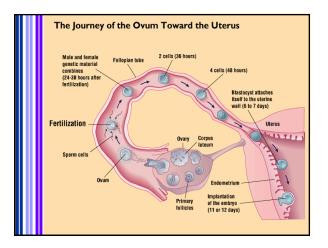
### 2

### True or false?

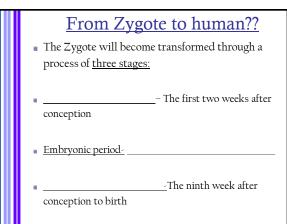
50% of fertilized eggs are lost before a woman finds out she's pregnant.











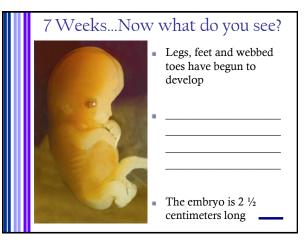
### <u>Hello Embryo!</u>

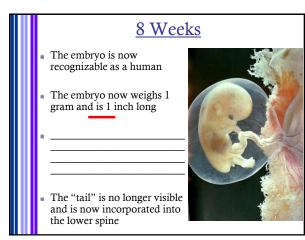
- During the <u>Embryonic</u> <u>stage</u>, it is still not recognizable as a human.
- The \_\_\_\_\_\_ forms (at 22 days), which becomes central nervous system



# TRUE OR FALSE?

 Approximately 20% of all embryos are aborted spontaneously





# The <u>placenta</u> also forms during this early period

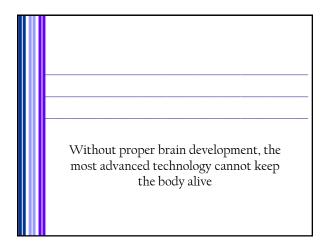
 The placenta is a mass of tissue attached to the uterine wall

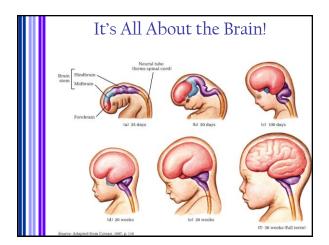


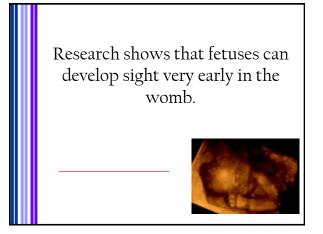
- Connects its circulatory system with the mother
- The embryo and placenta are connected by the umbilical cord

#### The Fetus: Week 9-Birth

- <u>*The Brain*</u> grows dramatically (6 times in size) and becomes responsive during this time.
- At 22 weeks the fetus reaches \_\_\_\_\_
  - There is only a 50% survival rate at 26 weeks

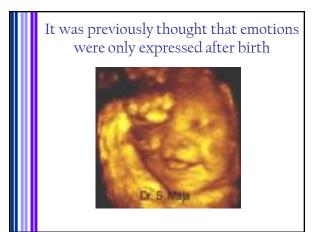












## Next Class...

What factors can influence prenatal development?