Stages of Conception In order:

Zygote is now called a Morula

Zygote divides into 4 cells

Morula migrates into the uterine cavity

Morula penetrates the endometrial layer

Oocyte is released from the ovary and falls into the fallopian tube

Zygote divides into 8 cells

Oocyte & sperm meet in the ampulla of the fallopian tube

2nd Meiotic division that initiates cleavage of the zygote

Zygote divides into 2 cells

The morula has fully implanted in the uterus near the fundus, conception has occurred! Baby is ready to grow into a fetus!

The plasma membranes of sperm & oocyte fuse together (egg & sperm become one)

Oocyte sends out Chemical signals to attract sperm

Sex of fetus is determined

Sperm penetrate two layers around the oocyte

A zygote is created!

Male & female pronucleus form inside the zygote cell

Zygote divides into 16 cells