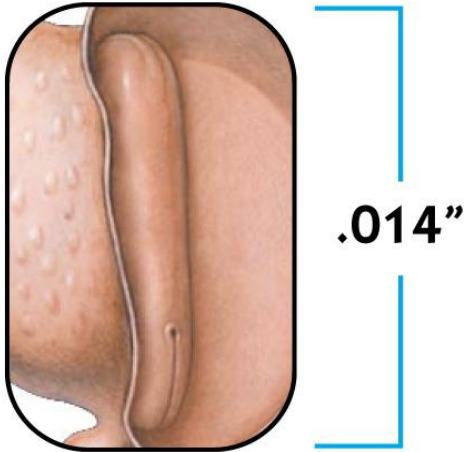


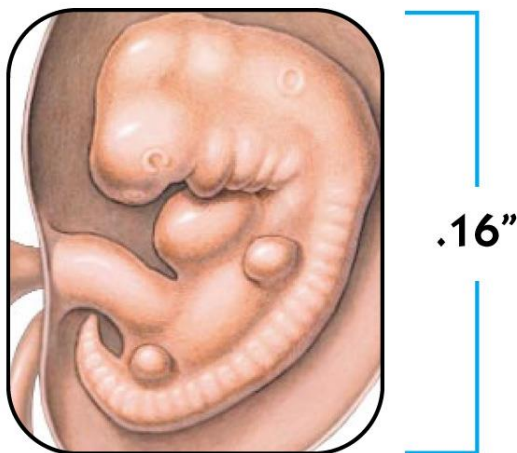
## Week 4



- The fertilized egg is called an embryo at this stage.
- The head has formed and buds begin to grow at the limbs for legs and arms.
- The heart and lungs are the first organs to form, and by the 25th day the heart will start to beat.
- The brain and spinal cord begin to form as the neural tube.
- The embryo weighs less than one ounce and is approximately .014 inches long by the end of Week 4.

**A standard staple is approximately 0.014 inches thick**

## Week 6



- The head, mouth, liver, and intestines begin to take shape.
- Brain activity can be recorded; the skeleton forms, and reflexes develop.
- The eyes open, with no eyelids.
- Fingers grow to the first joint.

**0.16 inches is about the thickness of two nickels put together.**

## Week 8

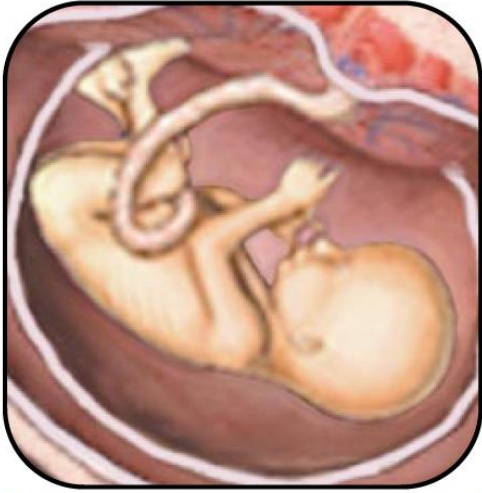


.68"

- Formation of all major body organs and systems begin.
- Eyes, ears, nose, lips, tongue and buds for teeth are formed.
- Organs begin to be controlled by the brain.
- Fingers, toes, ankles and wrists are completely formed.
- The fetus weighs less than one ounce and is approximately .68 inch long by the end of Week 8.

**A dime is approximately 0.68 inches in diameter.**

## Week 10



1-2"

- All body parts are present: arms, legs, eyes, genitals and organs even though not fully formed.
- The fetus is now 1-2 inches and weighs a little under an ounce.
- The lungs are developing and the stomach and intestines are forming rapidly.
- The umbilical cord is fully fashioned.

**A golf ball is 1.68 inches in diameter.**

## **Week 12**



2-3"

- Soft nails have grown on the fingers and toes.
- The fetus now has 20 buds for teeth.
- The complete formation of all major organs will now begin to mature and the fetus begins to gain weight throughout the pregnancy.
- fetus can now move its arms and legs.
- The fetus weighs more than one ounce and is approximately 2-3 inches long by the end of Week 12.

**A baseball is approximately 2.6 inches in diameter.**

## Week 14



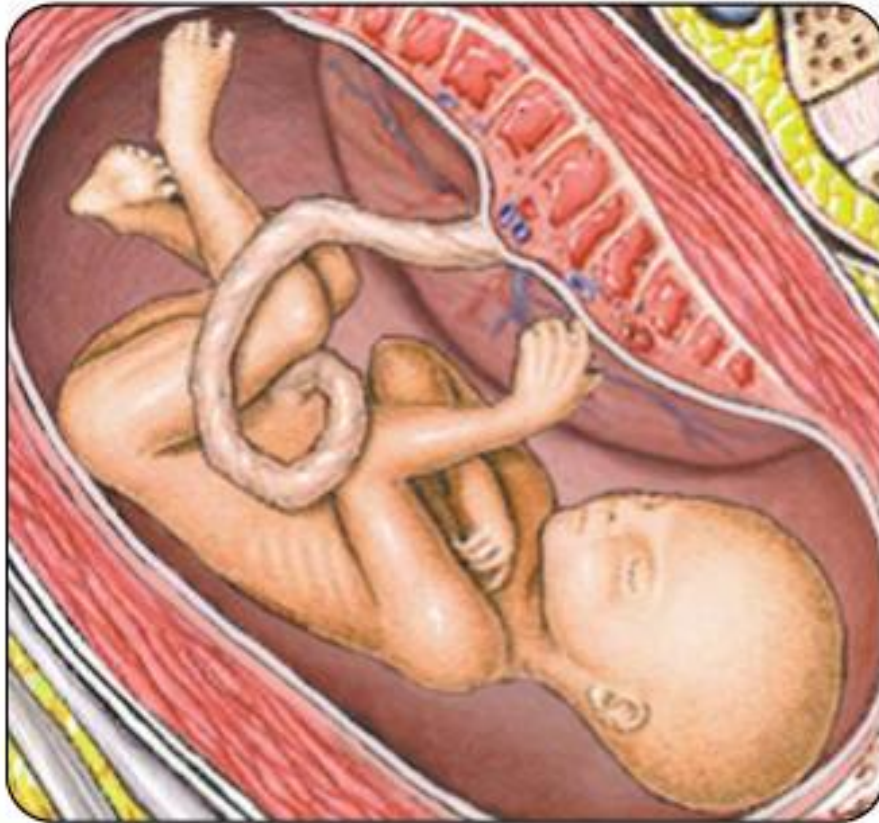
3-4"

- The fetus' gender can be determined.
- The fetus' hair begins to grow and nails on the fingers and
- The baby's head and body become proportional and the neck takes shape.
- Arms and legs begin to lengthen.

**A softball is 4 inches in diameter.**



## Week 16

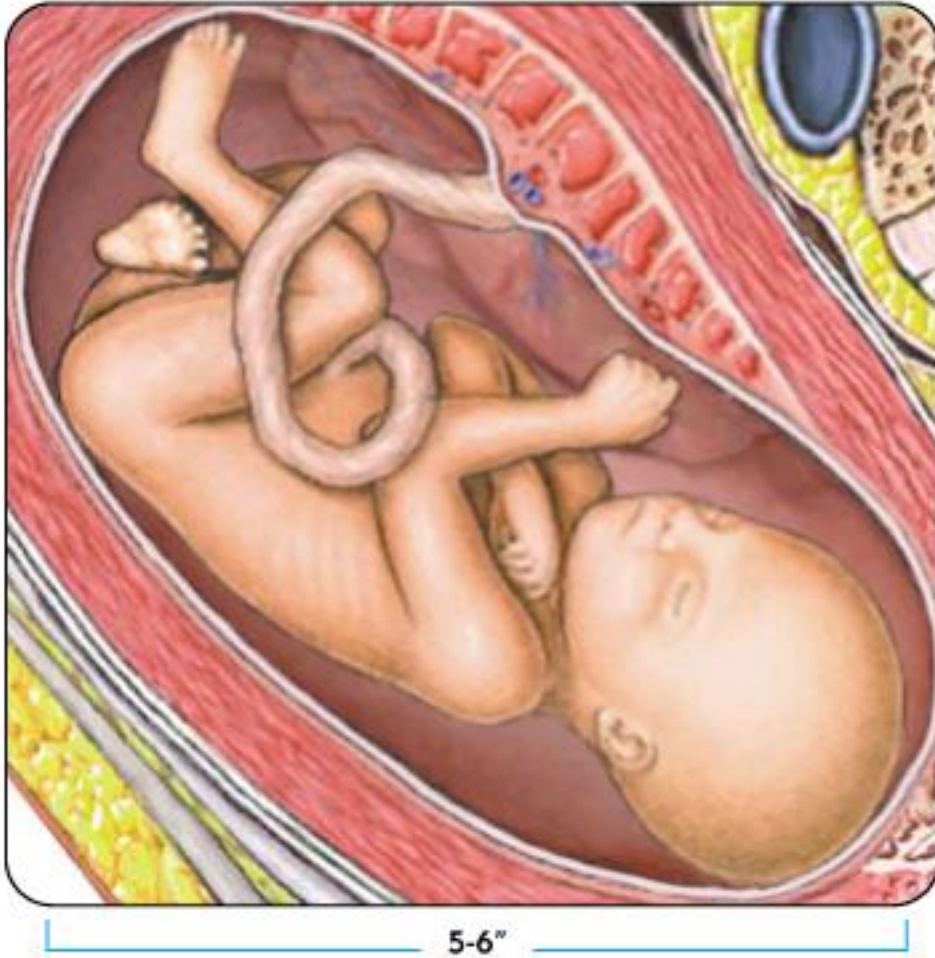


4-5"

- Motion increases as the fetus moves its body and swallows.
- The skin is transparent and pink in color.
- The umbilical cord is now thick enough to carry nutrients from the mother to the fetus, as well as toxins and poisons from tobacco smoke, alcohol and other drugs.
- The fetus weighs about five ounces and is approximately four to five inches long by the end of Week 16.

**A compact disc, or CD, is 4.5 inches in diameter.**

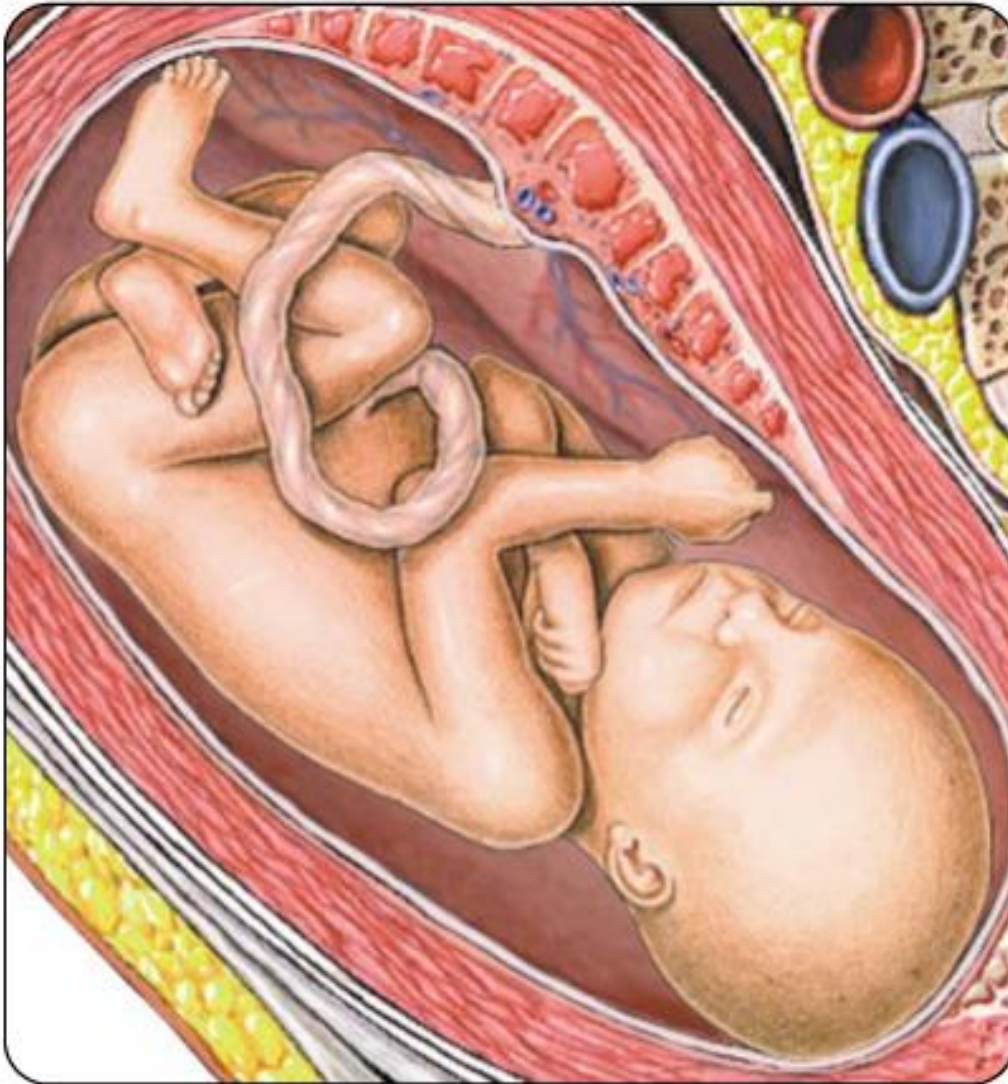
## Week 18



- Movements can be felt and the fetus is at its most active as arms and legs start to punch and kick.
- The vocal cords are active and the fetus can cry.
- The fetus can suck its thumb and has taste buds.
- The fetus now measures approximately five to six inches.

**A dollar bill is 6 inches in length.**

## Week 20



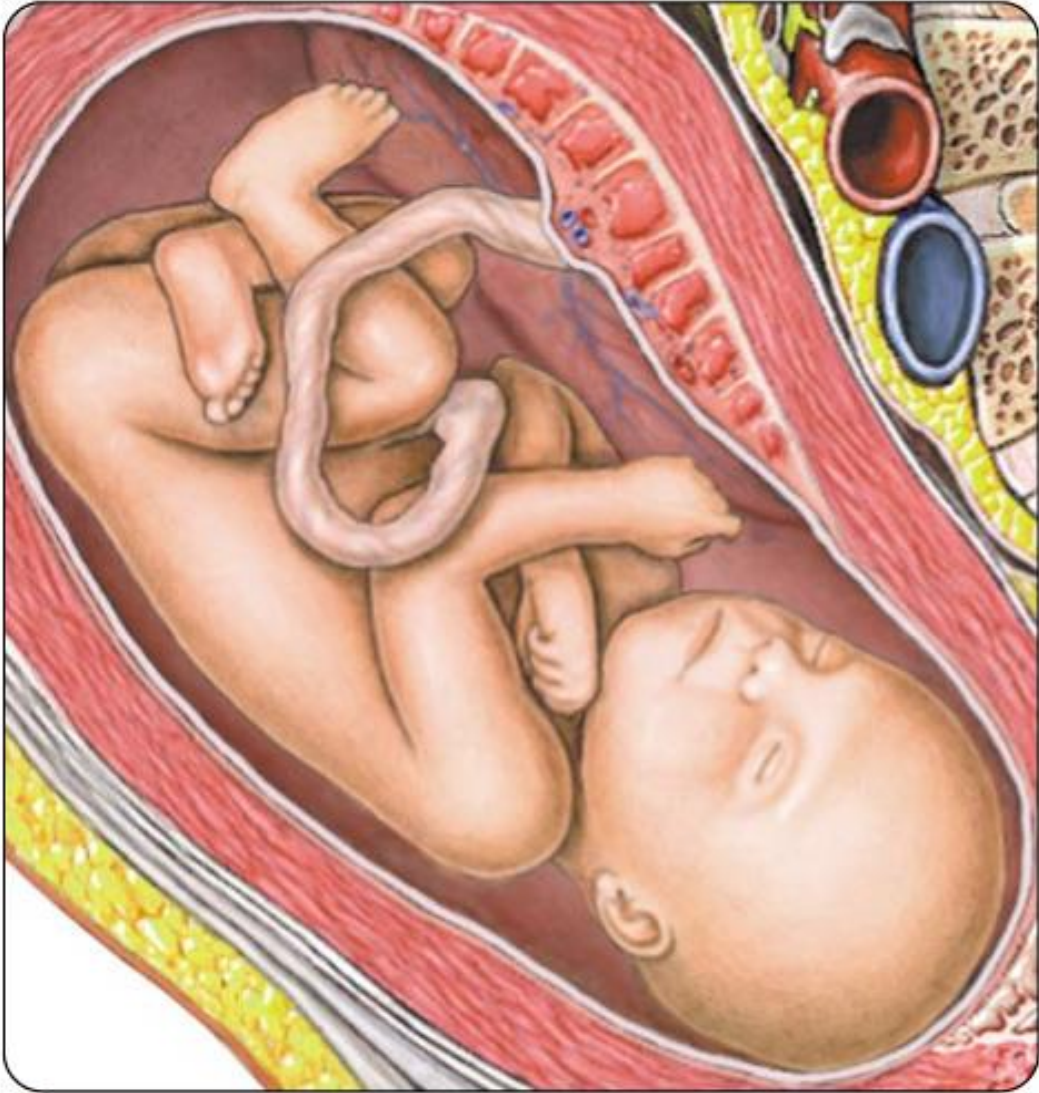
6-7"

- The fetus can now turn its entire body side to side and front to back.
- Fingernails are now completely grown and reach the tips of the fingers.
- The fetus now has a regular sleeping pattern.
- Rapid growth in this month brings the fetus to weigh one-half to one pound and its length to approximately six to seven inches by the end of Week 20.

**A dollar bill is 6 inches in length.**



**Week 22**

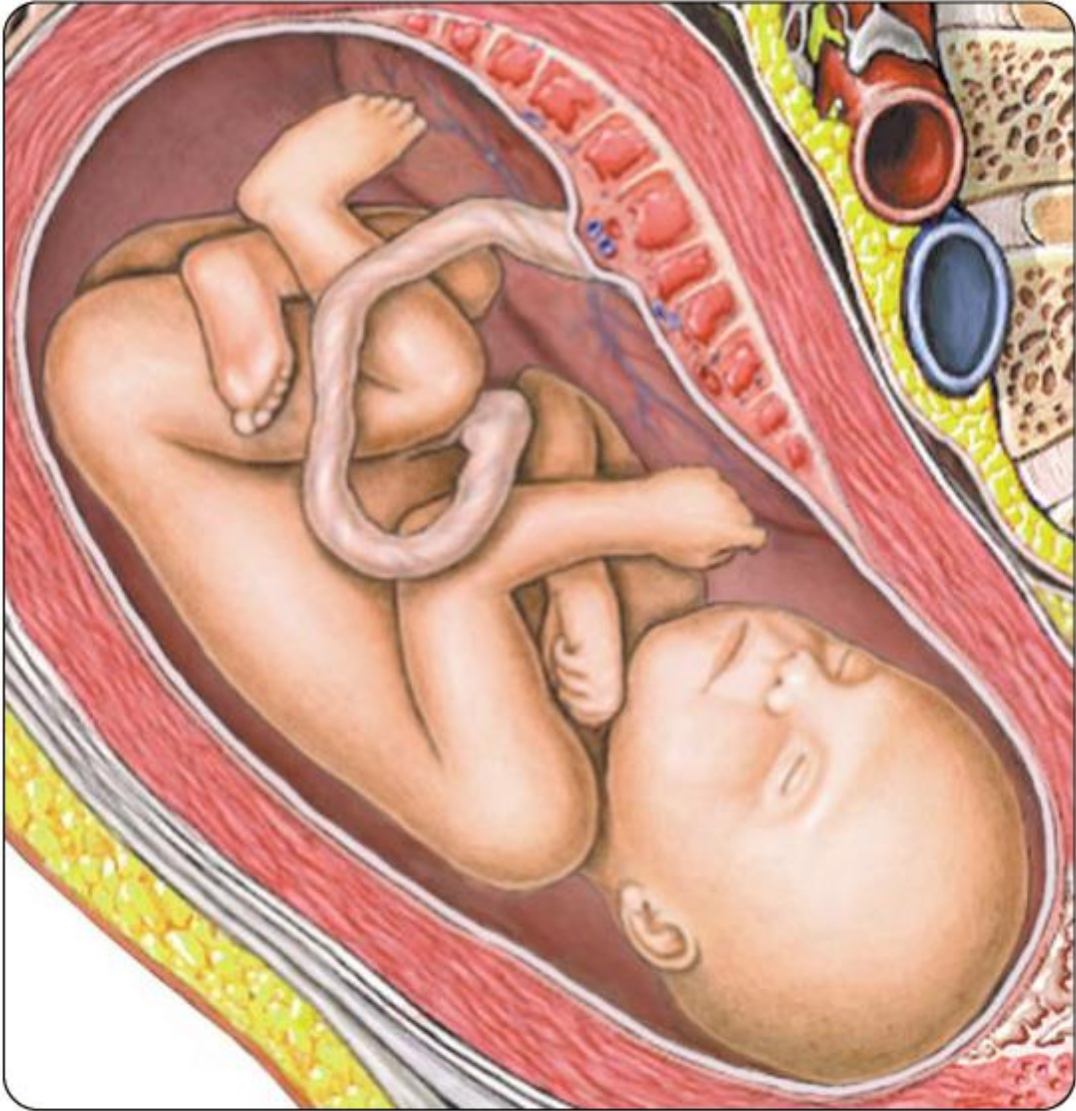


7-8"

- The fetus has full function and capability of eye movement.
- The fetus is able to hear the outside world - voices, sounds and songs.
- At this stage the fetus has a full range of activity - coughing, hiccups, squinting, and even frowning.
- The fetus is about seven to eight inches and one pound.

**A VCR tape is 7.5 inches wide.**

**Week 24**



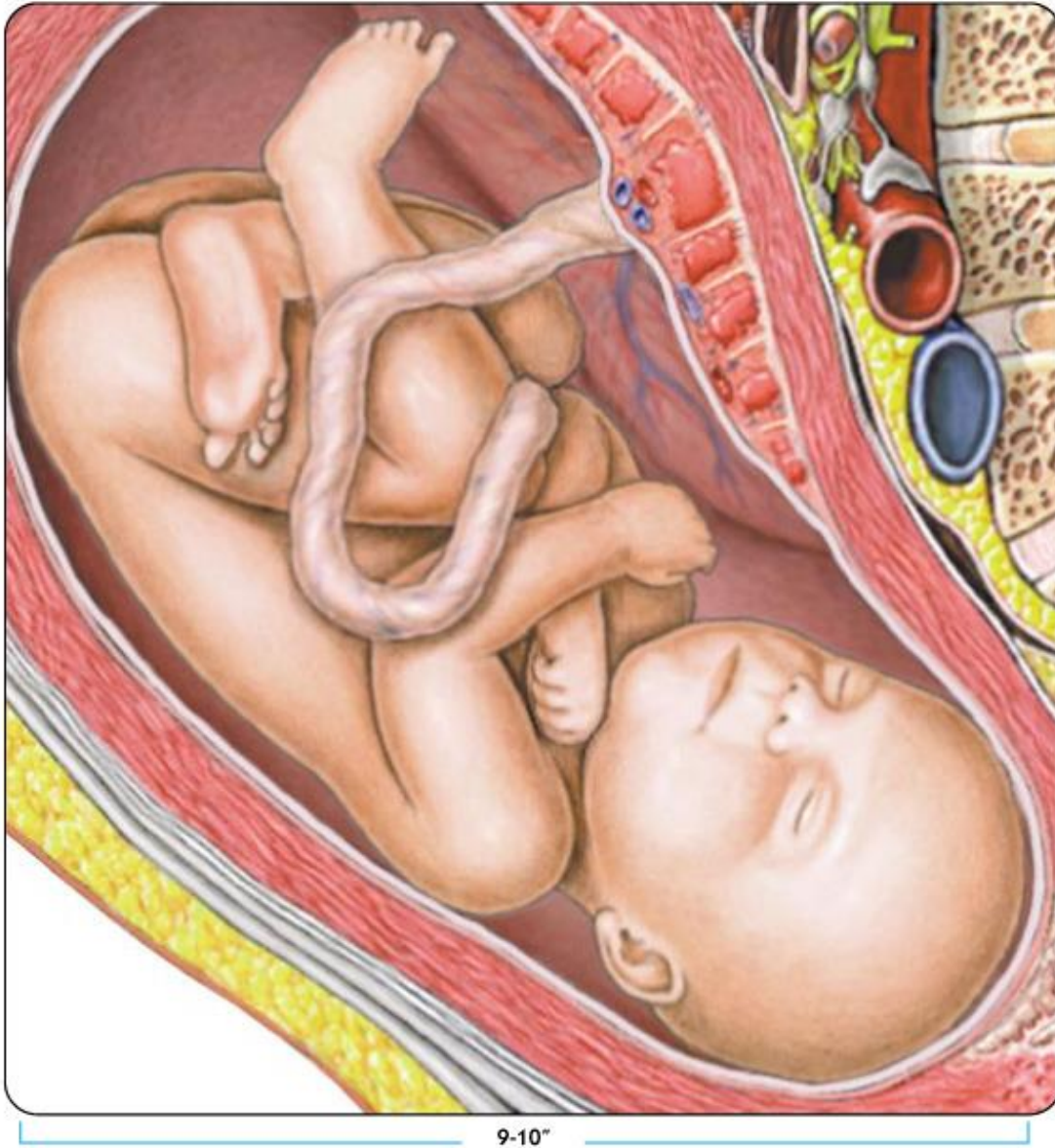
8-9"

- The skin is red in color, wrinkled and covered with soft, fine hair.
- If born at this stage, the fetus may be able to survive with intensive care although the lungs are not yet fully functioning.
- The eyes can now open as the eyelids begin to separate.
- Finger prints and toe prints are now visible.
- The fetus weighs one to one and one-half pounds and is approximately eight to nine inches long as it continues to rapidly grow.

**The width of a standard sheet of paper is 8.5 inches.**



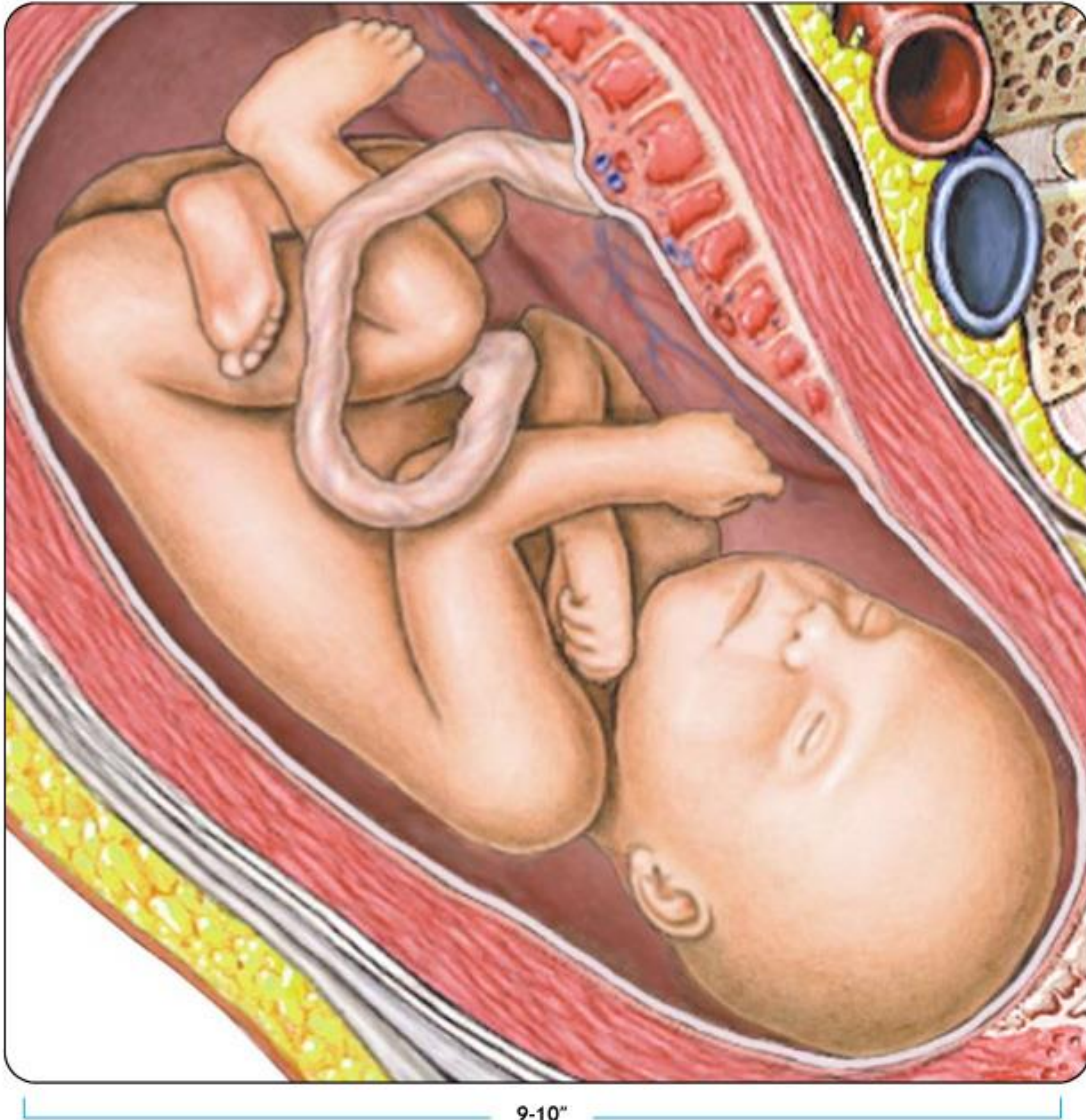
## Week 26



- The fetus is approximately nine to 10 inches long.
- Another person can detect a heartbeat by listening to the woman's abdomen.
- Brain activity shows that the fetus can respond to touch.
- The fetus responds to a light shown on the mother's abdomen by turning its head toward the light.

**The length of a standard #10 envelope is 9.5 inches.**

## Week 28



- The fetus now responds to outside stimuli such as light and sound.
- The fetus exercises its muscles by kicking and stretching.
- Becoming more active, the fetus sucks its thumb, cries and can open and close its eyes.
- The fetus would have a good chance of survival if born at this stage of development.
- The fetus weighs about three pounds and is approximately nine to 10 inches long by the end of Week 28.

**The length of a standard #10 envelope is 9.5 inches.**