

**Main Idea**  
Birth defects are caused by different factors

**Pregnancy and Heredity and Concept Map**

**Supporting Details**

\_\_\_\_\_ When genes from one or both parents are \_\_\_\_\_ or changed in some way, a baby can be born with a \_\_\_\_\_

**Supporting Details**

A fetus's \_\_\_\_\_ is its mother's \_\_\_\_\_.  
If a mother is unhealthy or engages in \_\_\_\_\_ activities, the fetus can be affected

**Supporting Detail**

Genetic disorders can occur when a \_\_\_\_\_ has more or fewer than 46 \_\_\_\_\_.  
For example, people with \_\_\_\_\_ have an extra chromosome that causes them to have certain facial features and learning disabilities.

**Supporting Detail**

Other genetic disorders are caused by abnormal or defective \_\_\_\_\_.  
\_\_\_\_\_ is a blood disorder caused by an abnormal gene. People with this disorder have abnormally shaped \_\_\_\_\_ that can block blood vessels and cause pain in the bones and joints.

**Supporting Detail**

There are six kinds of environmental factors that can contribute to a birth defect:  
\*Poor nutrition  
\* \_\_\_\_\_ use  
\*Medicine and other \_\_\_\_\_  
\* \_\_\_\_\_  
\*STDs

Complete the concept map using terms and phrases from the electronic text