

14. Which of the following are related
- a) Felix Hoffman and acetaminophen
 - b) Ibuprofen and Reye syndrome
 - c) Aspirin and prostaglandins
 - d) Naproxen and liver damage
 - e) Acetaminophen and cyclooxygenase
15. Which of the following drugs are not indicated for children?
- a) naproxen
 - b) ibuprofen
 - c) A.S.A.
 - d) Tylenol
 - e) amoxicillin
16. What is the mechanism that produces the major side effects associated with A.S.A.?
- a) inhibition of cyclooxygenase in the stomach
 - b) inhibition of cyclooxygenase in the muscles
 - c) activation of cyclooxygenase in the liver
 - d) activation of prostaglandins in the stomach
 - e) inhibition of prostaglandins in the stomach
17. Which of the following drugs is not indicated for rheumatoid arthritis pain?
- a) Tylenol
 - b) A.S.A.
 - c) Ibuprofen
 - d) Vioxx
 - e) Naproxen
18. Acetaminophen was discovered by Carl Duisberg, but the compound was not sold as a pain reliever until thirty years later. This was because
- a) Duisberg thought it would be too toxic
 - b) Duisberg would not sell his patent to the Bayer company
 - c) initial tests on the compound mistakenly showed that it was toxic
 - d) the compound was too expensive to manufacture
 - e) petroleum supplies needed to make the compound were limited due to World War I
19. Children's Tylenol is more expensive than regular Tylenol because
- a) it is specially formulated to be gentle on a child's stomach
 - b) the safety sealed bottles produced as a result of the Tylenol cyanide incident were very expensive to develop and produce
 - c) children's drugs require extra safety testing
 - d) children's drugs must be specially formulated for the different metabolism of the child
 - e) the company charges a higher price and people pay it