

BLM Answers

BLM 4–4 Chapter 4 Practice Test

1. c) cost
2. a) phosphates
3. d) peroxide
4. f) plastic
5. h) synthetic
6. e) benefit
7. g) polymers
8. a) F. Chemicals can be dangerous when they are made, used, or thrown out.
 - b) T
 - c) F. Someone's experience is a type of support.
9. d) scientific explanation
10. b) plastics can be shaped into many products
11. Sample answer:
 I think wearing a seat belt is a good idea.
 I think this way because you will be less likely to be severely injured or die if you are in an accident.
 Other people may think that wearing a seat belt is too restrictive. It takes times to put on and take off, and seat belts wrinkle clothes.
 I don't agree because health and safety are more important than slight inconveniences and restrictions in movement.

BLM 4–5 Chapter 4 Test

1. d) fact or statistic
2. a) expert testimony
3. b) scientific explanation
4. c) example or experience
5. a) Students should underline:
 - Experts have found that DDT harms the reproductive and immune systems of animals, but they have not found the same effects on humans.
- b) Students should highlight:
 - DDT is a chemical called dichloro-diphenyl-trichloroethane.
 - It was created around World War II to kill mosquitoes that were spreading diseases like malaria.
- This powerful chemical was also used in agriculture to kill some of the insects that damage crops.
- It wasn't until 1962 that scientists started to observe the long-term effects of DDT.
- DDT is banned in many countries and the United Nations has banned it from agriculture.
- Malaria continues to kill nearly 1.3 million people each year.
- c) Students should circle:
 - They observed that eagle and osprey eggshells were weak and often broke before the young birds could be born.
 - They saw that bird populations started to drop.
6. • plus: kills mosquitoes that spread diseases and damage crops
 - minus: harmed bird eggs and animals' reproductive and immune systems
 - interesting: developed during second world war, DDT is banned in many countries and the United Nations banned it from agriculture, not known to harm humans
7. a) Answers will vary. Look for evidence of support from the article.
- b) Answers will vary. Look for evidence that students have considered a different opinion.
- c) Answers will vary. Look for a paragraph that addresses points made in a) and b).
8. Sample answer:
 - Supporting points give weight to an opinion.