Lab Safety Cartoon

Chemistry Name



1. List 3 unsafe activities shown in the illustration and explain why each is unsafe.

2. List 3 correct lab procedures depicted in the illustration.

3. What should Bob do after the accident?

4. What should Sue have done to avoid an accident?

5. Compare Luke and Duke's lab techniques. Who is following the rules?

6. What are three things shown in the lab that should not be there?

7. Compare Joe and Carl's lab techniques. Who is doing it the correct way?

8. What will happen to Ray and Tim when the teacher catches them?

9. List three items in the illustration that are there for the safety of the students in the lab.

10. What is Betty doing wrong?

11. When should you wear your safety goggles in chemistry class?

12. What is the proper attire required when working in a chemistry lab?

13. What should you do if you spill a chemical on the lab bench?

14. How should you go about diluting an acid?

15. What is the proper way to heat a liquid in a test tube?

16. What are two things you should do if you are thermally burned?

a. b.

17. What is the best defense against chemical burns?

18. What should you do if a chemical gets into your eye?

19. What is the purpose of a safety shower?

20. Why should you not run if you catch on fire?

21. Why should you use a hot plate instead of a Bunsen burner when flammable chemicals are present in a chemistry lab?

22. How should you properly smell a chemical?

23. To prevent poisoning, what three items should NEVER be taken into the lab?

a. b. c.

24. What should you do if you spill a chemical on your skin?

25. How should you deal with minor cuts?

26. Name three pieces of equipment that you can use to measure the volume of a liquid.

a. b. c.

27. What UNIT do you use when measuring the liquid in a beaker, graduated cylinder or flask?