

Safety in Laboratory

A Match the icons with the type of hazard

- 1 chemical
- 2 radioactive
- 3 fire
- 4 electrical
- 5 animal
- 6 bio
- 7 sharp instrument
- 8 glassware
- 9 eye and face
- 10 heat
- 11 explosive
- 12 laser radiation



hazard



hazard



hazard



hazard



hazard



hazard



hazard



hazard



hazard



hazard



hazard



hazard

B Some rules. Read the rules below and write a number according to the type of safety measure.

- 1 General and personal safety
- 2 Electrical safety
- 3 Chemical safety
- 4 Laser safety

Treat every chemical as if it were hazardous. ____

If leaving a lab unattended, turn off all ignition sources and lock the doors. ____

NEVER, EVER LOOK INTO ANY LASER BEAM, no matter how low power or "eye safe" you may think it is. ____

Avoid using extension cords whenever possible. ____

Never eat, drink, or smoke while working in the laboratory. ____

Clothing: When handling dangerous substances, wear gloves, laboratory coats, and safety shield or glasses. Shorts and sandals should not be worn in the lab at any time. ____

Never allow a solvent to come in contact with your skin. Always use gloves. ____

Never return chemicals to reagent bottles. ____

Wash hands before leaving the lab and before eating. ____

Never pipette anything by mouth. ____

C Protective equipment

1 shield

2 respirator

3 gown/coat

4 goggles /glasses

5 apron

6 gloves

7 (face) mask



D Grammar point

1 Conditional (I would)

Complete the sentences using **would** + the following verbs (in the correct form):

be be ~~do~~ do enjoy enjoy have pass stop

- 1 They helped us a lot. I don't know what we would have done without their help.
- 2 You should go and see the film. You _____ it.
- 3 It's a pity you couldn't come to the party last night. You _____ it.
- 4 Shall I apply for the job or not? What _____ you _____ in my position?
- 5 I was in a hurry when I saw you. Otherwise I _____ to talk.
- 6 We took a taxi home last night, but got stuck in the traffic. It _____ quicker to walk.
- 7 Why didn't you go and see Clare? She _____ very pleased to see you.
- 8 Why didn't you do the exam? I'm sure you _____ it.
- 9 In an ideal world, everybody _____ enough to eat.

2 Conditional clauses I (real)

- A If I _____ (study), I _____ (pass) the exam.
- B If the sun _____ (shine), we _____ (walk) to the town.
- C If you _____ (push) this button, the analyser _____ (stop).
- D If she _____ (not wear) the coat, she _____ (be able) to enter the lab.

3 Conditional clauses II (imaginary)

- A If you _____ (come) earlier, I _____ (prepare) dinner.
- B If Susan _____ (study) harder, she _____ (be) better at school.
- C If we _____ (hurry), we _____ (spoil) the experiment.
- D If you _____ (turn off) the fire, the lab _____ (explode).