

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



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

- a) (face) mask
- b) shield
- c) gown/coat
- d) gloves
- e) respirator
- f) goggles /glasses
- g) apron



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 don'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) and II (imaginary)

38.1 What do you say in these situations?

- 1 Of course you don't expect to win the lottery. Which do you say?
 - a If I win the lottery, I'll buy a big house.
 - b If I won the lottery, I'd buy a big house. (b is correct)
- 2 You're not going to sell your car because it's old and not worth much. Which do you say?
 - a If I sell my car, I won't get much money for it.
 - b If I sold my car, I wouldn't get much money for it.
- 3 You often see Sarah. A friend of yours wants to contact her. Which do you say?
 - a If I see Sarah, I'll tell her to call you.
 - b If I saw Sarah, I'd tell her to call you.
- 4 You don't expect that there will be a fire in the building. Which do you say?
 - a What will you do if there is a fire in the building?
 - b What would you do if there was a fire in the building?
- 5 You've never lost your passport. You can only imagine it.
 - a I don't know what I'll do if I lose my passport.
 - b I don't know what I'd do if I lost my passport.
- 6 Somebody stops you and asks the way to a bank. Which do you say?
 - a If you go right at the end of this street, you'll see a bank on your left.
 - b If you went right at the end of this street, you'd see a bank on your left.
- 7 You're in a lift. There is an emergency button. Nobody is going to press it. Which do you say?
 - a What will happen if somebody presses that button?
 - b What would happen if somebody pressed that button?

39.1 Put the verb into the correct form.

- 1 If I knew (I / know) his number, I would phone him.
- 2 I wouldn't buy (I / not / buy) that coat if I were you.
- 3 _____ (I / help) you if I could, but I'm afraid I can't.
- 4 We don't need a car at present, but we would need a car if _____ (we / live) in the country.
- 5 If we had the choice, _____ (we / live) in the country.
- 6 This soup isn't very good. _____ (it / taste) better if it wasn't so salty.
- 7 I wouldn't mind living in England if the weather _____ (be) better.
- 8 If I were you, _____ (I / not / wait). _____ (I / go) now.
- 9 You're always tired. If _____ (you / not / go) to bed so late every night, you wouldn't be tired all the time.
- 10 I think there are too many cars. If _____ (there / not / be) so many cars, _____ (there / not / be) so much pollution.