

Jeopardy

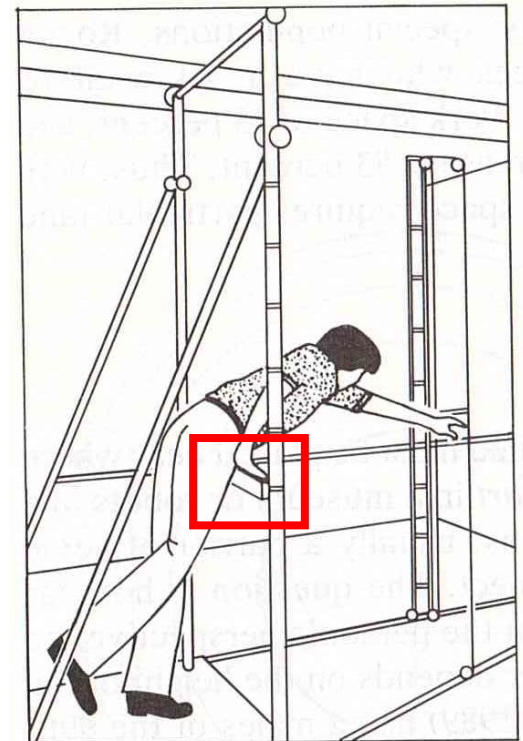
Safe Design	Don't Sue Me!	IP Types	Who Owns It?
<u>10</u>	<u>10</u>	<u>10</u>	<u>10</u>
<u>20</u>	<u>20</u>	<u>20</u>	<u>20</u>
<u>30</u>	<u>30</u>	<u>30</u>	<u>30</u>
<u>40</u>	<u>40</u>	<u>40</u>	<u>40</u>
<u>50</u>	<u>50</u>	<u>50</u>	<u>50</u>

Question 1 - 10

To design a guard rail for your manufacturing plant, you should design to:

- A) The operator who works there
- B) The average person
- C) The smallest person
- D) The largest person

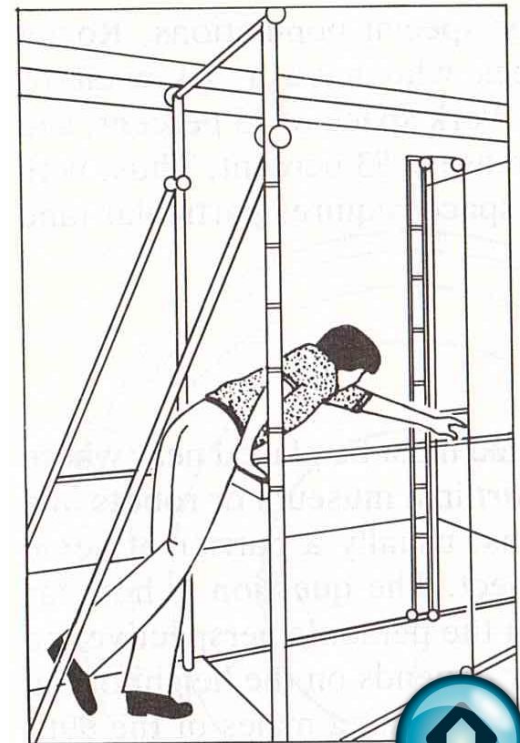
*Note: rail is to protect people from sticking their hands in a saw



Answer 1 – 10

To design a guard rail for your manufacturing plant, you should design to:

- A) The operator who works there
- B) The average person
- C) The smallest person
- D) The largest person



(a)



Question 1 - 20

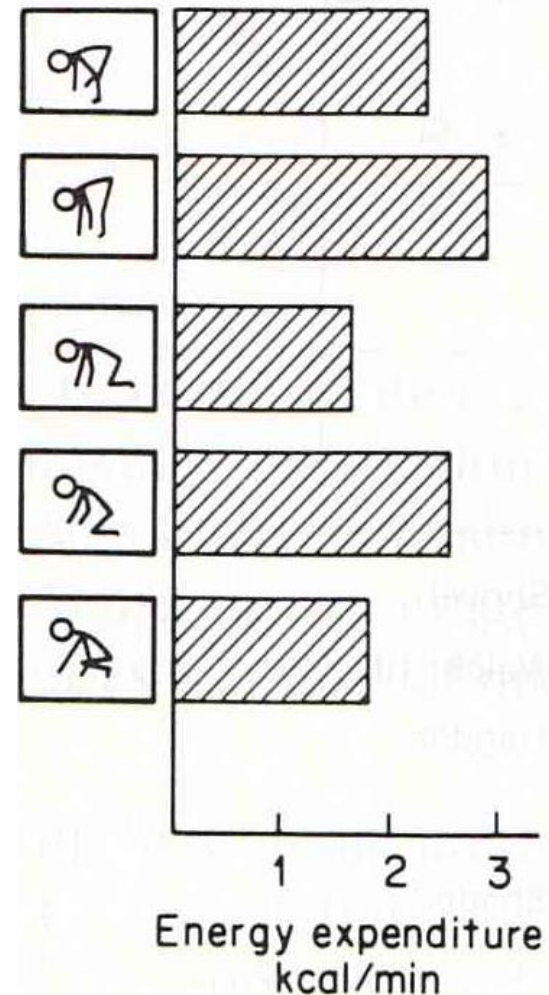
When designing an operator's work station in a plant, what posture has the lowest energy requirements?

- A) Bending, arm on thigh
- B) Bending, no arm support
- C) Kneeling, hands on floor
- D) Kneeling, no hand support
- E) Squatting



Answer 1 – 20

- A) Bending, arm on thigh
- B) Bending, no arm support
- C) Kneeling, hands on floor
- D) Kneeling, no hand support
- E) Squatting



Question 1 - 30

List five considerations when designing a hand tool



Answer 1 – 30

List five considerations when designing a hand tool

- Wrist posture
- Size
- Tissue compression
- Repetitive action
- Safe operation
- Gender and handed-ness
- Vibration
- Need for gloves



Question 2 - 10

What are the three things to prove in a tort case?

Answer 2 – 10

What are the three things to prove in a tort case?

Duty of care, breached, caused harm



Question 2 - 20

If something I build fails, I am only liable if:

- A) I have my PEng
- B) The work was in my primary area of expertise
- C) The product was a safety device
- D) None of the above

Answer 2 – 20

If something I build fails, I am only liable if:

- A) I have my PEng
- B) The work was in my primary area of expertise
- C) The product was a safety device
- D) None of the above



Question 2 - 30

A consumer uses an angle grinder to file his toenails, and ends up hurt.

What key phrase will the courts be looking for to determine if the designer is liable?



Answer 2 – 30

A consumer uses an angle grinder to file his toenails, and ends up hurt.

What key phrase will the courts be looking for to determine if the designer is liable?

Reasonable foreseeable use



Question 2 - 40

If you design a car and follow the Institute of Mechanical Engineers standards, are you exempt from liability?

A) Yes

B) No

Answer 2 – 40

If you design a car and follow the Institute of Mechanical Engineers standards, are you exempt from liability?

A) Yes

B) No



Question 3 - 10

Dell

- A) Patent
- B) Industrial design
- C) Copyright
- D) Trademark
- E) Trade secret
- F) None of the above

Answer 3 – 10

Dell

- A) Patent
- B) Industrial design
- C) Copyright
- D) Trademark
- E) Trade secret
- F) None of the above



Question 3 - 20

New design of a hip replacement

- A) Patent
- B) Industrial design
- C) Copyright
- D) Trademark
- E) Trade secret
- F) None of the above

Answer 3 – 20

New design of a hip replacement

- A) Patent
- B) Industrial design
- C) Copyright
- D) Trademark
- E) Trade secret
- F) None of the above



Question 3 - 30

WD-40

- A) Patent
- B) Industrial design
- C) Copyright
- D) Trademark
- E) Trade secret
- F) None of the above

Answer 3 – 30

WD-40

- A) Patent
- B) Industrial design
- C) Copyright
- D) Trademark
- E) Trade secret
- F) None of the above



Question 3 - 40

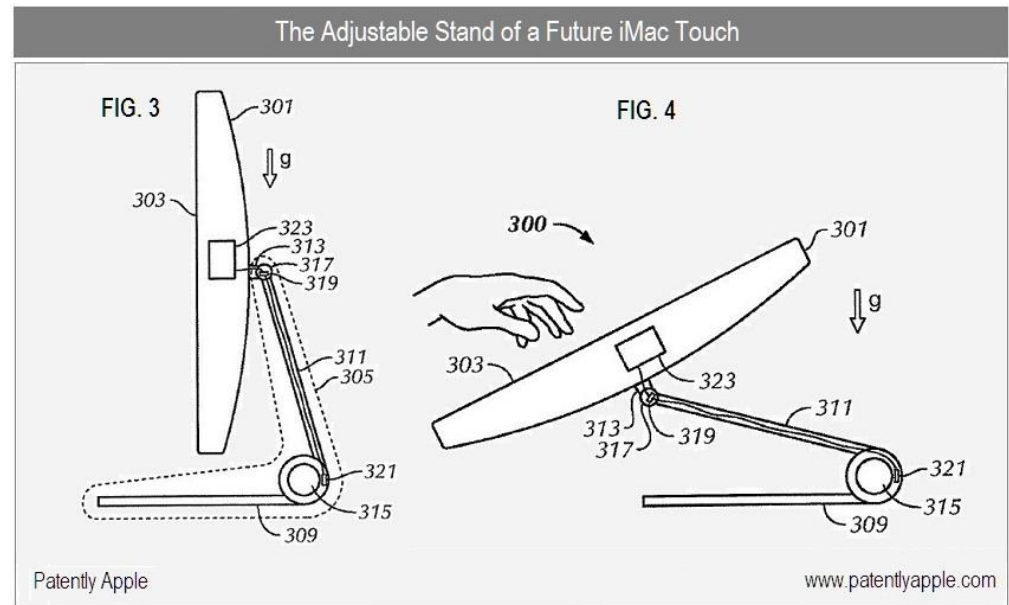
iMac

- A) Patent
- B) Industrial design
- C) Copyright
- D) Trademark
- E) Trade secret
- F) None of the above

Answer 3 – 40

iMac

- A) Patent
- B) Industrial design
- C) Copyright
- D) Trademark
- E) Trade secret
- F) None of the above



Question 4 - 10

At McMaster, who owns:

Exams

- A) Student
- B) Faculty (prof)
- C) University
- D) Shared (name the parties)

Answer 4 – 10

At McMaster, who owns:

Exams

- A) Student (owns copyright)
- B) Faculty (prof)
- C) University (owns property)
- D) Shared (name the parties)



Question 4 - 20

At McMaster, who owns:

Master's Thesis

- A) Student
- B) Faculty (prof)
- C) University
- D) Shared (name the parties)

Answer 4 – 20

At McMaster, who owns:

Master's Thesis

- A) Student
- B) Faculty (prof)
- C) University
- D) Shared (name the parties)



Question 4 - 30

At McMaster, who owns:

Summer student computer program

- A) Student
- B) Faculty (prof)
- C) University
- D) Shared (name the parties)

Answer 4 – 30

At McMaster, who owns:

Summer student computer program

- A) Student
- B) Faculty (prof)
- C) University
- D) Shared (name the parties)



Question 4 - 40

At McMaster, who owns:

Research data

- A) Student
- B) Faculty (prof)
- C) University
- D) Shared (name the parties)

Answer 4 – 40

At McMaster, who owns:

Research data

- A) Student
- B) Faculty (prof)
- C) University
- D) Shared (name the parties)

