

## Indoor Safety At Home

Can you find the five safety dangers hidden in this picture?



Image presented by Alliant Energy  
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## Indoor Safety At Home

### Answers

*More detail regarding these electrical hazards can be obtained from the Information Safety Guide. (Resource 2)*

1. Never allow children to climb trees with power lines passing through them.
2. Keep kites far away from power lines. Electricity will travel through the string of a kite or a balloon caught in an overhead power line potentially causing shock or fire.
3. Remind adults to always look up and watch out for overhead power lines.
4. Keep electrical cords away from water. Water is an electrical conductor.
5. Never climb fences around substations or try to go into them. Watch for and obey the warning signs.
6. Stay away from utility boxes. There's high voltage electricity underneath.

## Outdoor Safety

Can you find the six safety dangers hidden in this picture?



Image presented by Alliant Energy



## Outdoor Safety

### Answers

*More detail regarding these electrical hazards can be obtained from the Information Safety Guide. (Resource 2)*

1. It is dangerous to plug too many things in one extension cord plus extension cords should not be used permanently.
2. Keep anything using electricity away from water since water is a conductor of electricity.
3. Babies and toddlers should not be left in rooms unattended. In households with babies, special safety caps should be put on all electrical outlets.
4. Never ever stick anything into an electrical appliance. It could be a good conductor of electricity and you could get electrocuted.
5. Never pull electrical cords. You might tear or damage them posing an electrical hazard to you or future users.

## Safety At Work

Have you ever wondered how utility workers touch power lines without getting hurt? They wear special safety gear and use special tools that protect them.

**Can you spot what this utility worker is wearing to keep him safe from electrical and other accidents?**

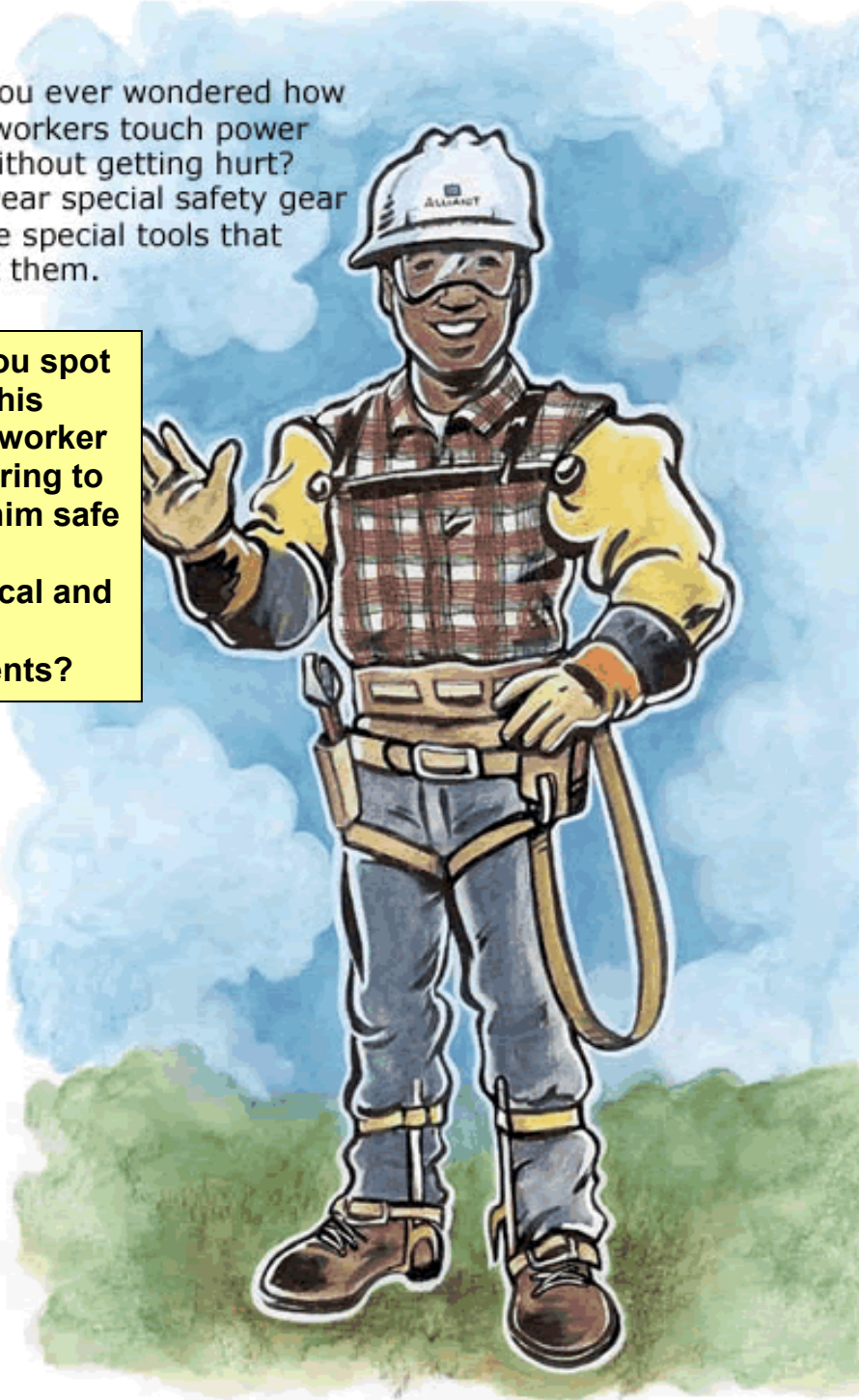


Image presented by Alliant Energy



# Safety At Work

## Answers

### 1. **Hard Hat**

The hard hat protects the worker if he accidentally bumps his head, or something falls on him from above.

### 2. **Safety Glasses**

These safety glasses have very hard lenses and hard plastic frames to protect their eyes from sparks or flying objects

### 3. **Rubber Sleeves**

Rubber sleeves protect the workers in case they accidentally bump into an energized wire. The sleeves tuck into the top of the rubber gloves and go all the way up past the shoulders.

### 4. **Rubber Gloves**

The special rubber gloves don't allow any electricity to pass through. The workers wear leather protectors over their rubber gloves - even the tiniest hole in the rubber can allow the electricity to pass through.

### 5. **Tool Belt**

The heavy leather tool belt lets workers carry lots of tools without using their hands. It can weigh more than 10 kilos!

### 6. **Safety Strap**

When the workers get to the top of a pole, they wrap a heavy leather strap around themselves and the pole and attach both ends to their safety belt. When there is no lifting equipment, they can sit on the strap so they can work with both hands.

### 7. **Climbing Spurs**

The climbing spurs have very sharp points that dig into a utility pole to help the workers climb up to the top if there is no lifting equipment. They hook under the heel of the worker's boot and are held in place by heavy leather straps around the leg and ankles.

### 8. **Safety Boots**

Workers wear steel-toed safety boots to protect their feet from falling objects.