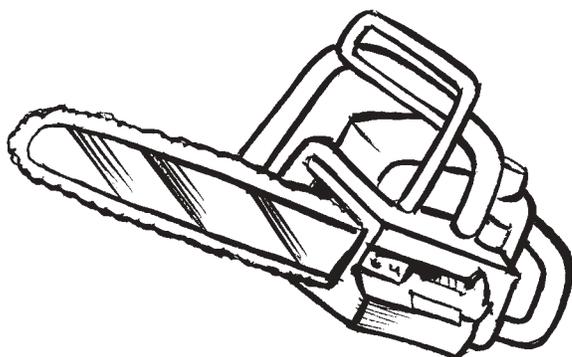
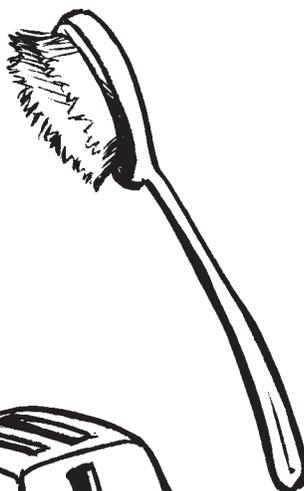
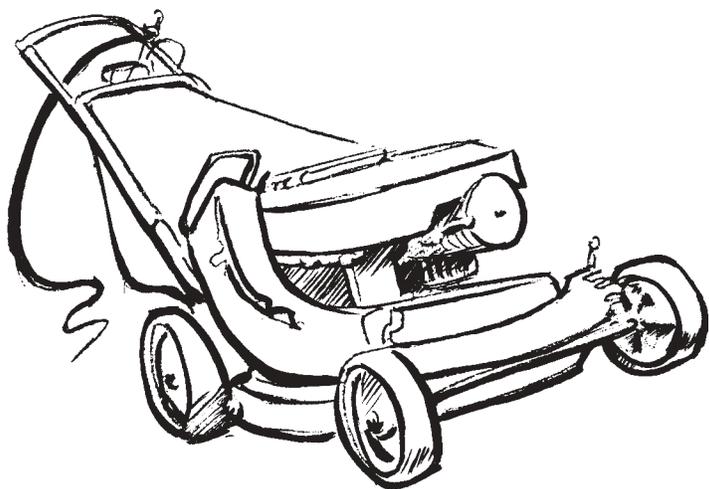


Hazard Hamlet Activity Book

An Electrical Safety Activity Book

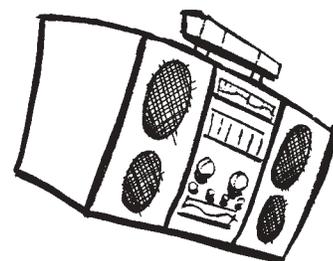
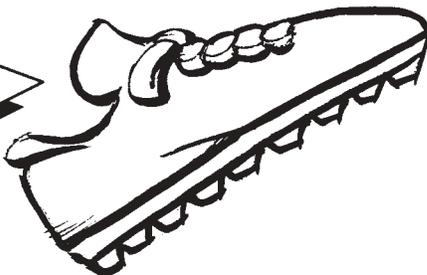
Power probe

- ◇ Where is the electricity?
- ◇ Colour what uses electricity in orange.
- ◇ Colour what doesn't use electricity in other colours.



1.

Why is a transformer box like an eight toed super varmint with hyper bad breath?



Colour the shocks!



◇ Then write down what Harry is doing wrong.

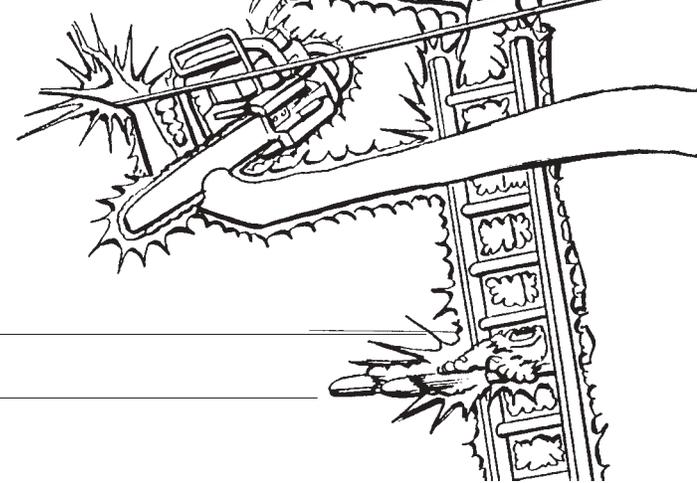
1. _____



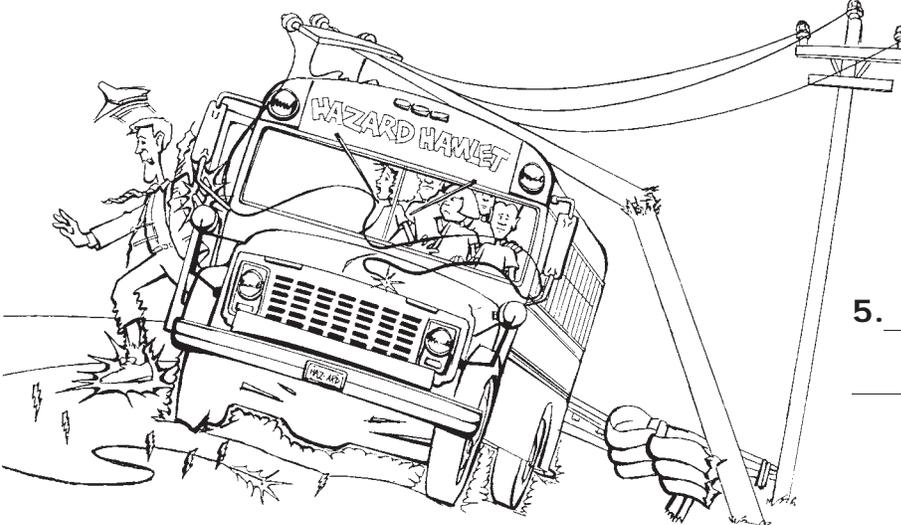
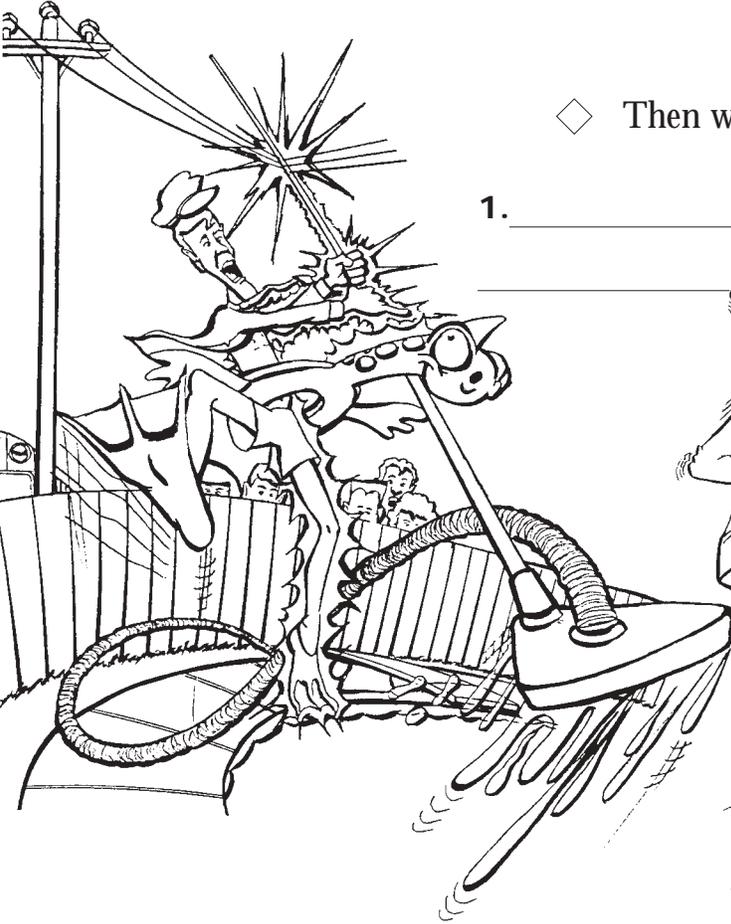
2. _____

3. _____

4. _____



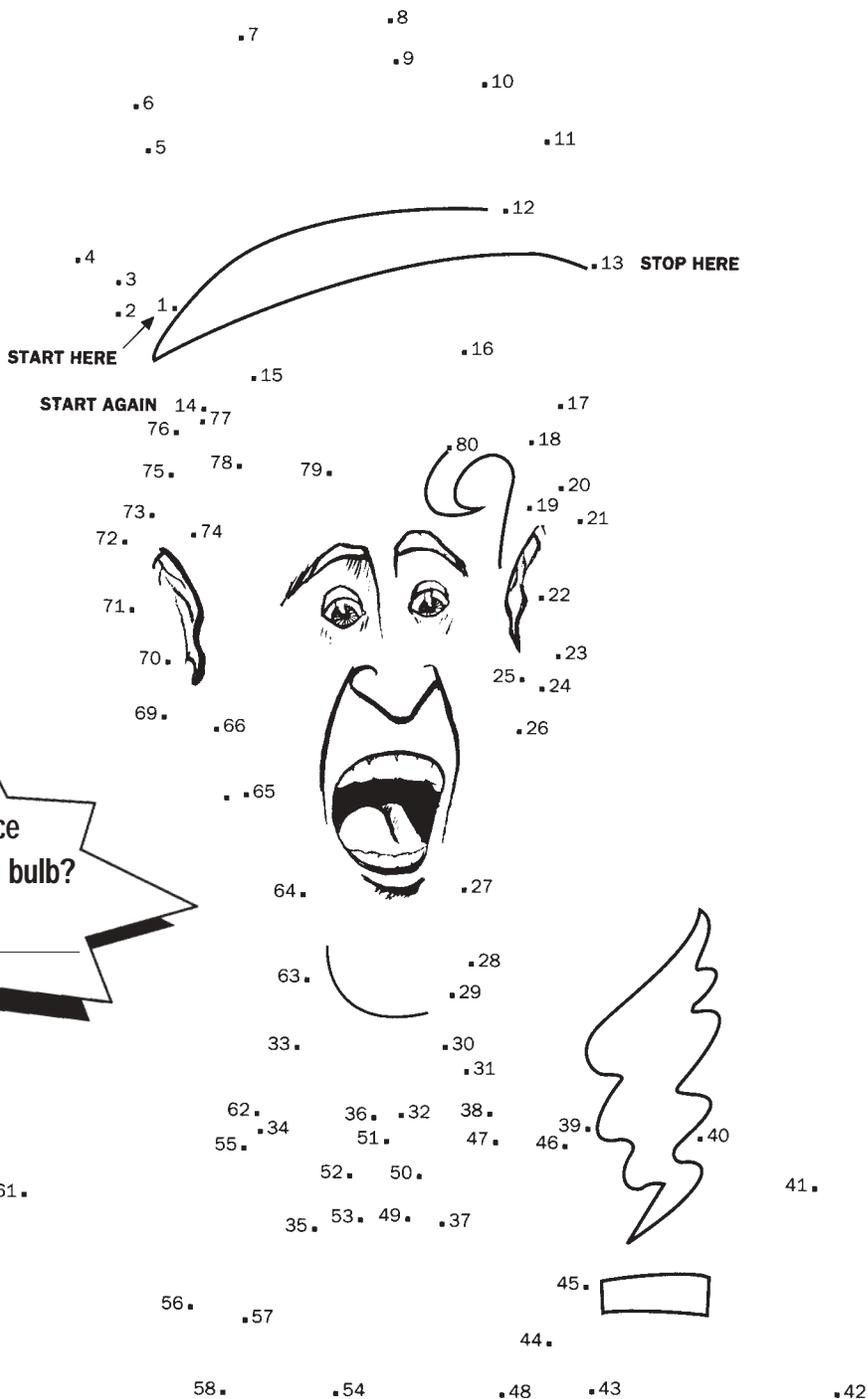
5. _____





Pull Harry together

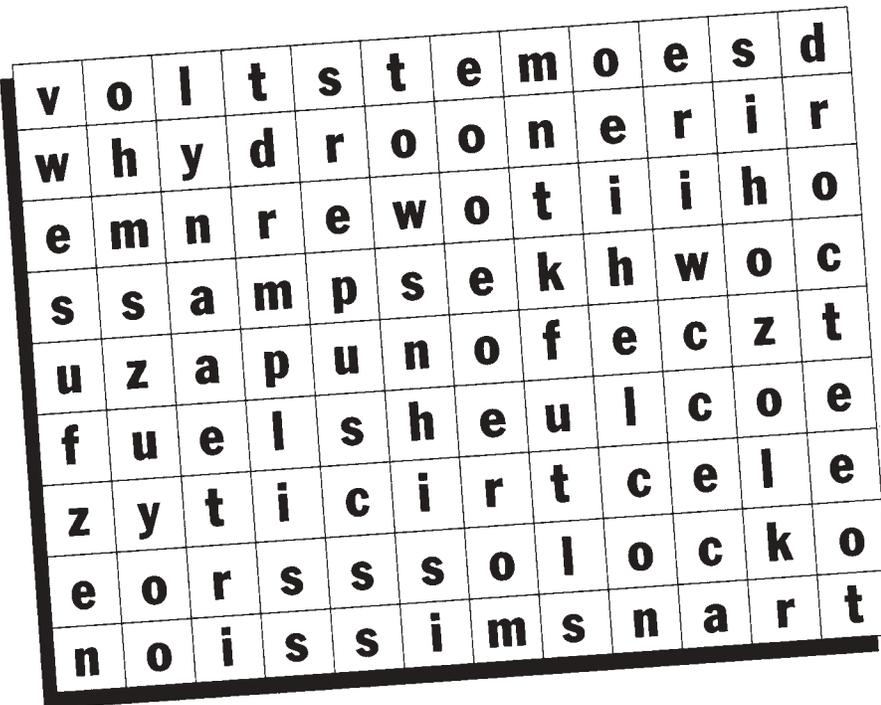
- ◇ Harry's been shocked, zapped and frazzled.
- ◇ Connect the dots and put him together again.





Watt words where?

- ◇ There are bunches of words hidden in the which-way-watt-words square. But only some have to do with electricity. Which are the watt words? Which aren't?

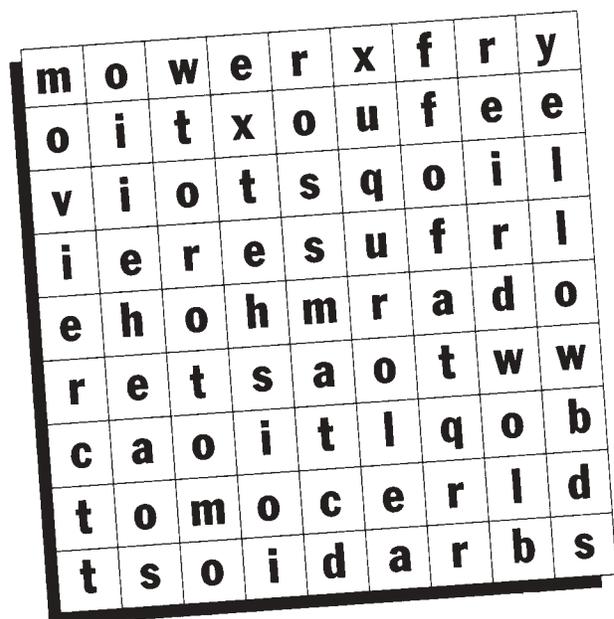


Watt words	Non-watt words
electricity	lock
tower	loss
volts	fuels
amps	art
hydro one	clue
fuse	cow
transmission	tow
	super

A tougher rougher square

- ◇ The names of five things which use electricity are hiding in this square. Find them – and then write a safety rule for each.

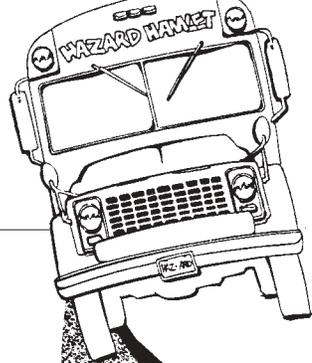
1. _____
2. _____
3. _____
4. _____
5. _____



Fun & Games

Rules & Regulations

- ◇ Roll the dice to decide who goes first.
- ◇ Highest number starts.
- ◇ Lowest number goes last.
- ◇ If two people roll the same number, they roll again.
- ◇ Throw dice and advance the number of squares the dice say.
- ◇ Do what the instructions on the square say.
- ◇ Any number of players can play.
- ◇ For a longer game you could use only one die.



START

Calling electrical utility to get ball out of transformer station. Go ahead three.

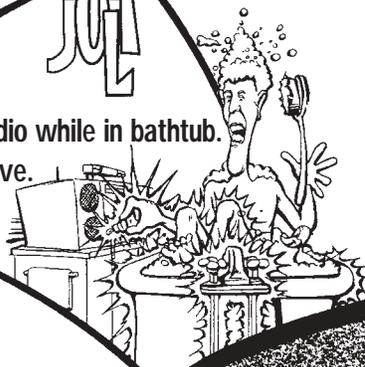


VOLT

DANGER

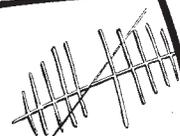
JOLT

Playing radio while in bathtub. Go back five.



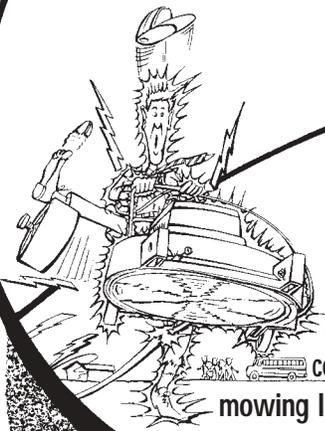
VOLT

Keep antennae clear of power lines. Go ahead three.

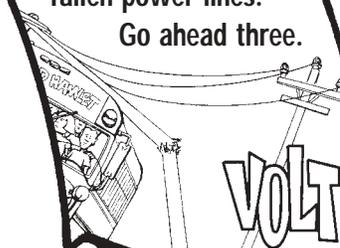


JOLT

Run over cord while mowing lawn. Go back one.



Staying in vehicle if near fallen power lines. Go ahead three.



VOLT

JOLT

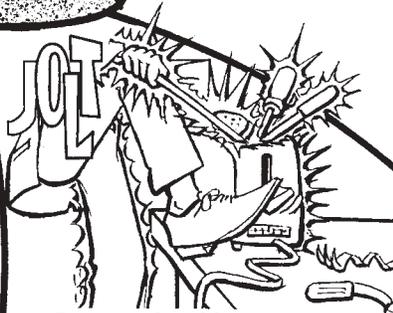
Fly kite near power lines. Go back three.



Call power company to rescue cat.

VOLT

Go ahead one.



Don't poke things in appliances. Go back one.

JOLT

Sticking object in transformer box. Go back one.



Failed to notice overhead power lines while cleaning pool.

JOLT

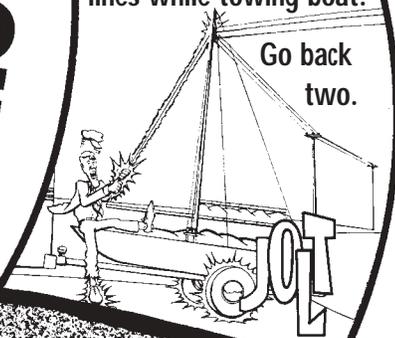
Go back three.



FINISH

Ignoring power lines while towing boat.

Go back two.

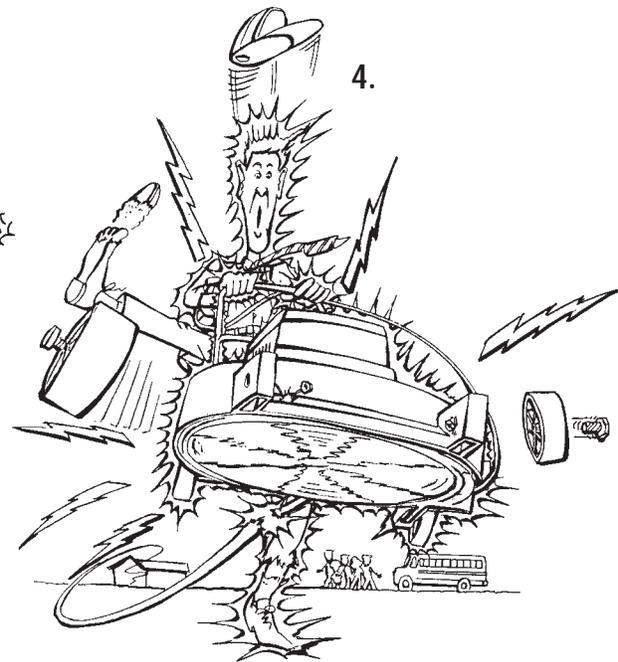
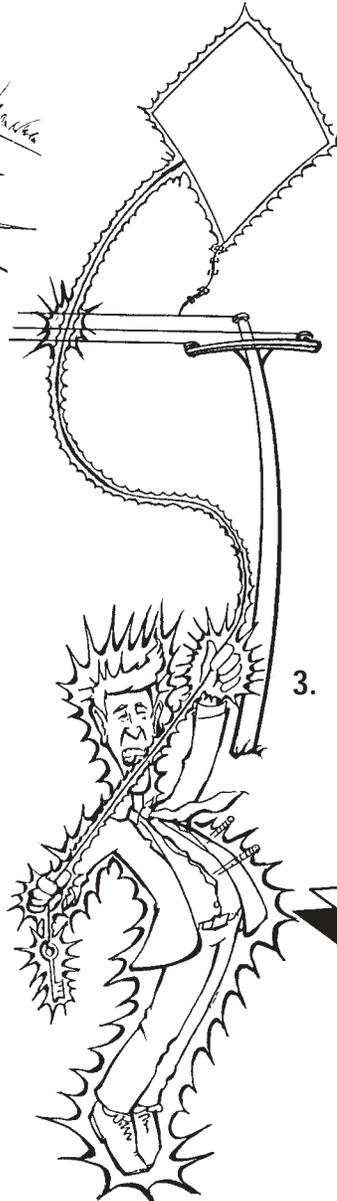
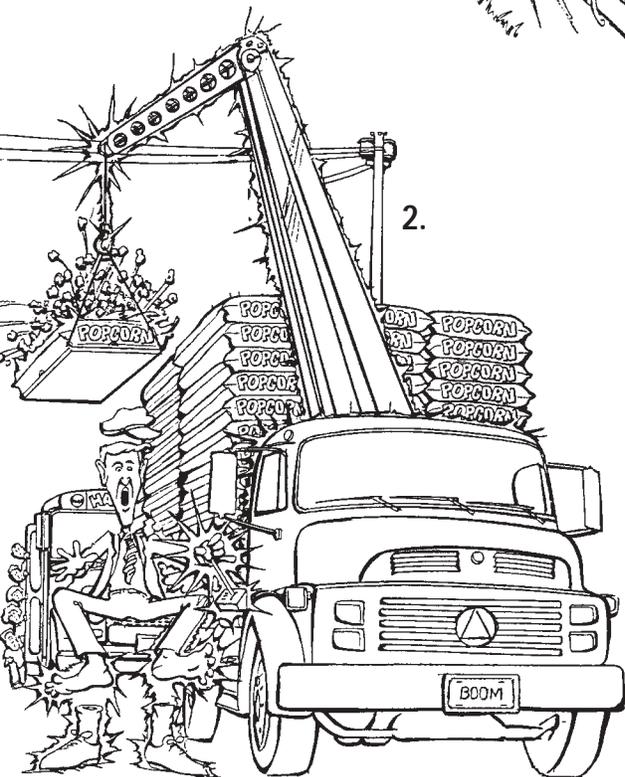
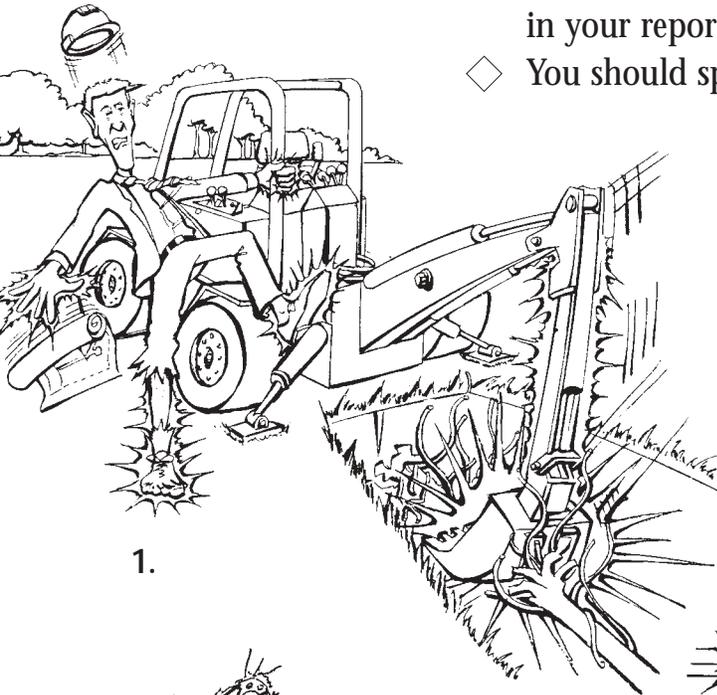


VOLTS & JOLTS

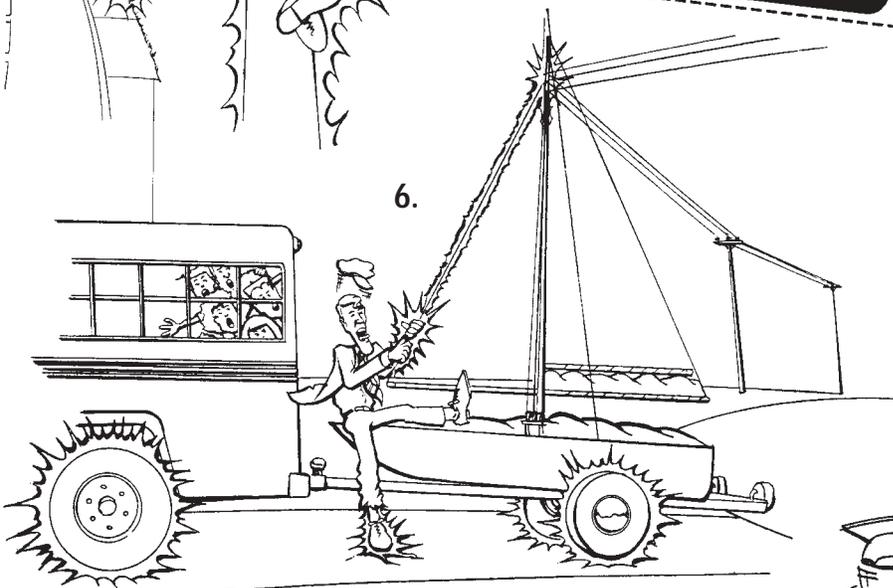
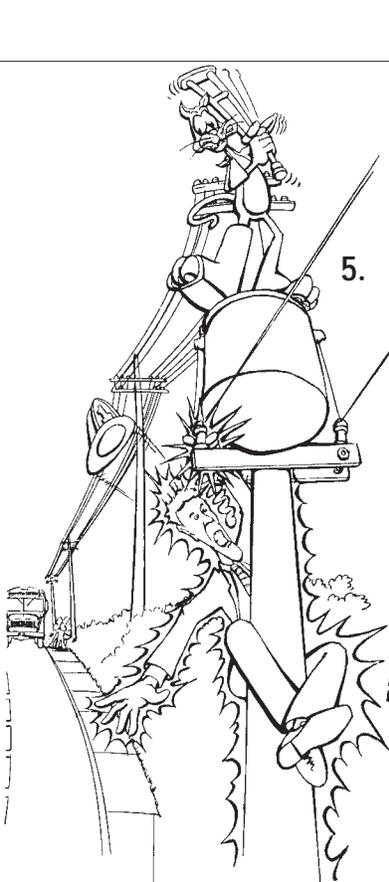


Safety squad

- ◆ Your assignment: Uncover Harry's mistakes.
- ◆ Fill in the electrical danger next to the number in your report book.
- ◆ You should spot **eight** dangers. Good luck!



3. What happens when you cross a power line with a television antenna?



Safety Squad
Safety Danger Report

Current time: _____

1. _____

2. _____

3. _____

4. _____

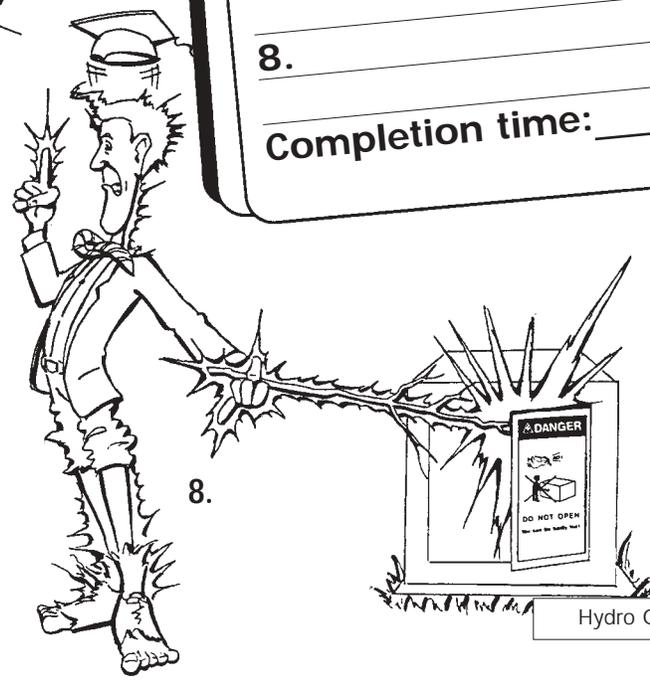
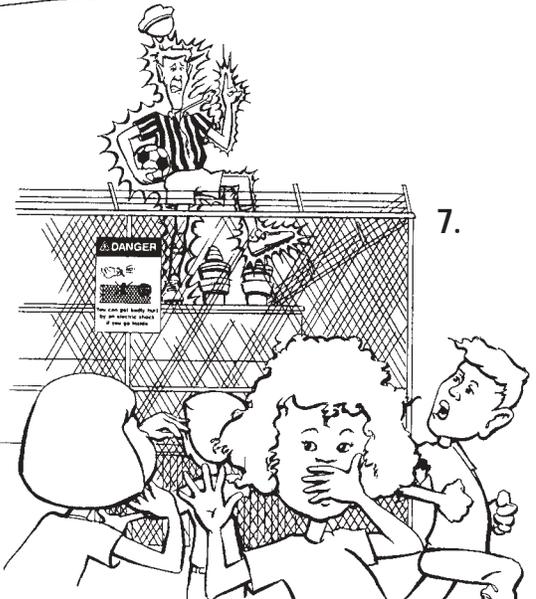
5. _____

6. _____

7. _____

8. _____

Completion time: _____

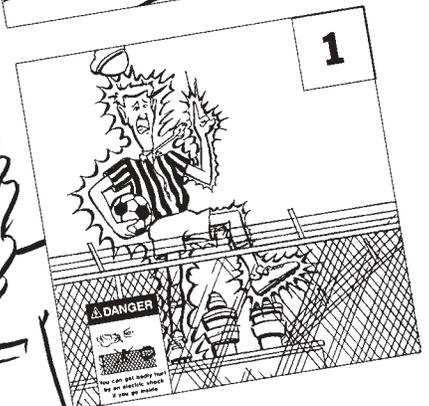
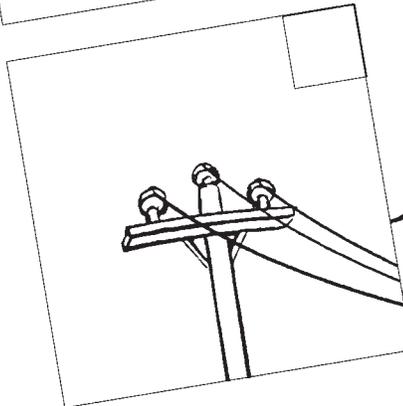
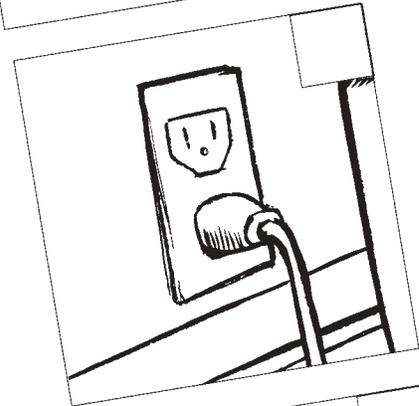
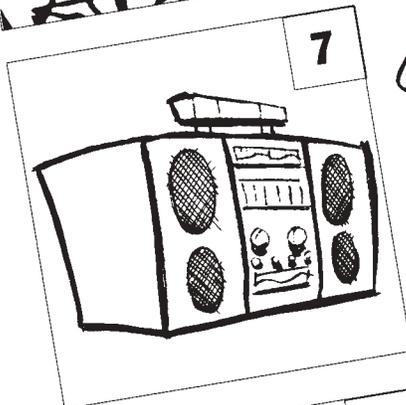
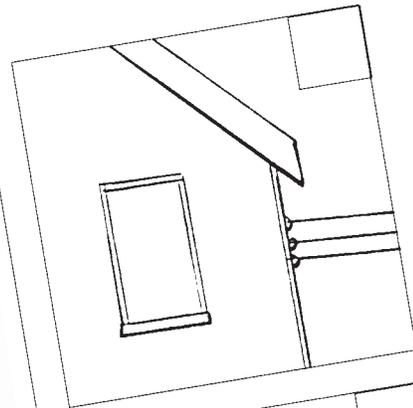
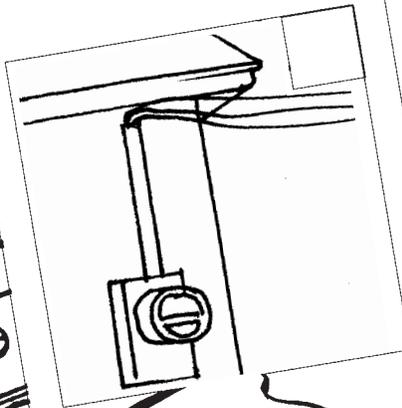


Build the power line



- ◇ Harry wants to listen to his favourite radio station. You have to build the power line.
- ◇ Number the parts of the electrical system in the order they fit into the system. We've started you off with number 1 for the substation. Harry's radio is number 7.

4.
Why do signs around
a substation say "danger"?



Safety squad diary



- ◇ How many times a day do you use electricity?
- ◇ Is there a potential hazard each time you use electricity?
- ◇ Keep a diary tomorrow – right from when you wake up.
(Is that an electric alarm clock we hear? Is it plugged in safely?)
- ◇ We've filled in some of the diary for you.

DIARY		No hazard	Potential hazard
7:00	Toaster! Cord frayed.		4
7:30			
8:00	Brief meeting with Hollywood talent scouts. Discuss your role in the series. This has nothing to do with electricity, but it is kind of interesting – right?		
8:30			
9:00	Electric school bell. It causes stress.		
9:30			
10:00			
10:30			
11:00			
11:30			
12:00	Feeding frenzy!		
12:30			
1:00			
1:30			
2:00			
2:30			
3:00			
3:30			
4:00	Home to listen to radio in whirlpool tub. Definite danger!		
5:00			
6:00	Hidden threats in kitchen?		
7:00	Hollywood calls. Will you change your hairstyle? Do not use hair dryer in shower!		
8:00	Fabulous neighbour asks if you will get cat down from power pole. You call utility instead, exhibiting intelligence, worldliness, etc.		
9:00			
10:00			

Answers



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What is Harry doing wrong? (page 3)

1. Harry raises the handle of the pool vacuum without looking up to see where the power lines are. Safety reminder: always look up and keep clear of wires.
2. Harry touches the plugged-in radio with wet hands. Safety reminder: never mix electricity and water.
3. Harry repairs the toaster while the toaster is plugged-in. Safety reminder : always pull the plug first.
4. Harry gets off the bus instead of staying in and waiting for the power company to come and disconnect the electricity. Safety reminder: stay put until the power company says it's safe.
5. Harry cuts off branches which grow near a power line. Safety reminder: phone the utility when tree branches are close to wires.

Words and safety rules for a tougher rougher square. (page 5)

mower – Never run over the electrical cord with the mower.

toaster – Never stick a knife or a fork into toaster.

blow drier – Never touch a plugged-in hair dryer which has fallen into water.

radio – Never touch a plugged-in radio with wet hands.

motor – Pull the plug before repairing a broken electrical motor.

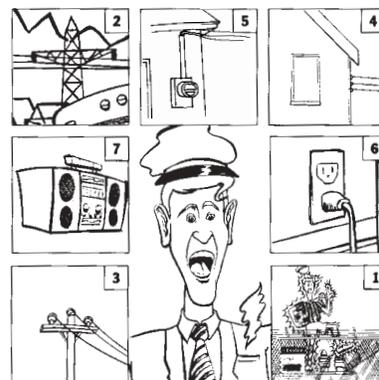
Safety Squad Danger Report. (pages 8 and 9)

1. He did not call the power company before digging.
2. He operated the truck boom too close to power lines.
3. He flew his kite near power lines.
4. He cut the electrical cord with the mower.
5. He climbed a utility pole.
6. He did not pay attention to the power lines when he took the boat out of the water.
7. He ignored the “Danger” sign and went over the fence of the transformer station.
8. He poked a branch into the padmount transformer.

Answer to riddles.

1. You don't want to touch either of them. (page 2)
2. You're not so bright when electricity is running through you. (page 4)
3. You get a shocking reception. (page 8)
4. Just for the shock effect. (page 10)

Answer to building the power line.



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