

Experimental Materials

Experiment 1

Scenario #1

Robert is teaching a class of 8-year-olds about plants. They are discussing what is common to all plants, for instance, that they require water and sun to live. They are also talking about some particular plants like the rose in the picture below.



Robert encourages the children to sum up what they have learned in the class. Alice, one of the pupils, points at the picture and observes:

Con: *This rose is a plant, and it needs water.*

Uncon: *This rose is a plant, and it has thorns.*

In this context, would it be **natural** for Robert to **assert** (would it make **sense** for Robert to **say**):

Yes,

Type-Con-If:	<i>if roses are plants, then roses need water.</i>
Token-Con-If:	<i>if this rose is a plant, then it needs water.</i>
Type-Uncon-If:	<i>if roses are plants, then roses have thorns.</i>
Token-Uncon-If:	<i>if this rose is a plant, then it has thorns.</i>
Type-Con-And:	<i>roses are plants, and roses need water.</i>
Token-Con-And:	<i>this rose is a plant, and it needs water.</i>
Type-Uncon-And:	<i>roses are plants, and roses have thorns.</i>
Token-Uncon-And:	<i>this rose is a plant, and it has thorns.</i>

Scenario #2

Steve is teaching a class of 11-year-olds about fish. They are discussing the anatomy and physiology of different species of fish, what these fish eat and how they acquire food. Steve is using great white sharks, like the one pictured below, as an example.



At the end of the lesson, Steve encourages the children to summarize what they have learned. Susan, one of the pupils, points at the picture and observes:

Con: *This great white shark has gills, and it can breathe under water.*

Uncon: *This great white shark is a predator, and it can breathe under water.*

In this context, would it be **natural** for Steve to **assert** (would it make **sense** for Steve to **say**):

Yes,

Type-Con-If: *if great white sharks have gills, then great white sharks can breathe under water.*

Token-Con-If: *if this great white shark has gills, then it can breathe under water.*

Type-Uncon-If: *if great white sharks are predators, then great white sharks can breathe under water.*

Token-Uncon-If: *if this great white shark is a predator, then it can breathe under water.*

Type-Con-And: *great white sharks have gills, and great white sharks can breathe under water.*

Token-Con-And: *this great white shark has gills, and it can breathe under water.*

Type-Uncon-And: *great white sharks are predators, and great white sharks can breathe under water.*

Token-Uncon-And: *this great white shark is a predator, and it can breathe under water.*

Scenario #3

Clara is teaching a class of 6-year-olds about different kinds of fruit. The children are learning, among other things, that fruit contain seeds, and that some fruit, like the apple in the picture below, can be used in desserts.



At the end of the lesson, Clara encourages the children to sum up what they have learned in the class. Amy, one of the pupils, points at the picture and observes:

Con: *This apple is a fruit, and it has seeds.*

Uncon: *This apple can be used to bake a dessert pie, and it has seeds.*

In this context, would it be **natural** for Clara to **assert** (would it make **sense** for Clara to **say**):

Yes,

Type-Con-If: *if apples are fruit, then apples have seeds.*

Token-Con-If: *if this apple is a fruit, then it has seeds.*

Type-Uncon-If: *if apples can be used to bake a dessert pie, then apples have seeds.*

Token-Uncon-If: *if this apple can be used to bake a dessert pie, then it has seeds.*

Type-Con-And: *apples are fruit, and apples have seeds.*

Token-Con-And: *this apple is a fruit, and it has seeds.*

Type-Uncon-And: *apples can be used to bake a dessert pie, and apples have seeds.*

Token-Uncon-And: *this apple can be used to bake a dessert pie, and it has seeds.*

Scenario #4

Robert is teaching a class of 12-year-olds on the history of technology. Today's class is about the development of kitchen appliances such as the microwave oven. The class is discussing the discovery of microwaves, and their applications. Robert is talking about the first domestic microwave oven, pictured below, which was introduced in 1955.



At the end of the lesson, Robert encourages children to sum up what they have learned in the class. Lucy, one of the pupils, points at the picture and observes:

Con: *This microwave oven was developed in the 20th century, and no one used it in the 19th century.*

Uncon: *This microwave oven was developed in the 20th century, and it is a kitchen appliance.*

In this context, would it be **natural** for Robert to **assert** (would it make **sense** for Robert to **say**):

Yes,

Type-Con-If: *if microwave ovens were developed in the 20th century, then no one used microwave ovens in the 19th century.*

Type-Uncon-If: *if microwave ovens were developed in the 20th century, then microwave ovens are kitchen appliances.*

Type-Con-And: *microwave ovens were developed in the 20th century, and no one used microwave ovens in the 19th century.*

Type-Uncon-And: *microwave ovens were developed in the 20th century, and microwave ovens are kitchen appliances.*

Token-Con-If: *if this microwave oven was developed in the 20th century, then no one used it in the 19th century.*

Token-Uncon-If: *if this microwave oven was developed in the 20th century, then it is a kitchen appliance.*

Token-Con-And: *this microwave oven was developed in the 20th century, and no one used it in the 19th century.*

Token-Uncon-And: *this microwave oven was developed in the 20th century, and it is a kitchen appliance.*

Experiments 2 and 3

#1

If

Type-Con: If roses are plants, then roses need water.
Token-Con: If this rose is a plant, then it needs water.¹
Type-Uncon: If roses are plants, then roses have thorns.
Token-Uncon: If this rose is a plant, then it has thorns.

And

Type-Con: Roses are plants, and roses need water.
Token-Con: This rose is a plant, and it needs water.
Type-Uncon: Roses are plants, and roses have thorns.
Token-Uncon: This rose is a plant, and it has thorns.

Or

Type-Con: Roses aren't plants, or roses need water.
Token-Con: This rose isn't a plant, or it needs water.
Type-Uncon: Roses aren't plants, or roses have thorns.
Token-Uncon: This rose isn't a plant, or it has thorns.

#2

If

Type-Con: If chimpanzees use tools to acquire food, then chimpanzees are more intelligent than snails.
Token-Con: If this chimpanzee uses a tool to acquire food, then it is more intelligent than a snail.
Type-Uncon: If chimpanzees use tools to acquire food, then chimpanzees are furry.
Token-Uncon: If this chimpanzee uses a tool to acquire food, then it is furry.

And

Type-Con: Chimpanzees use tools to acquire food, and chimpanzees are more intelligent than snails.
Token-Con: This chimpanzee uses a tool to acquire food, and it is more intelligent than a snail.
Type-Uncon: Chimpanzees use tools to acquire food, and chimpanzees are furry.
Token-Uncon: This chimpanzee uses a tool to acquire food, and it is furry.

Or

Type-Con: Chimpanzees don't use tools to acquire food, or chimpanzees are more intelligent than snails.
Token-Con: This chimpanzee doesn't use a tool to acquire food, or it is more intelligent than a snail.
Type-Uncon: Chimpanzees don't use tools to acquire food, or chimpanzees are furry.
Token-Uncon: This chimpanzee doesn't use a tool to acquire food, or it is furry.

¹ All token items were accompanied by a picture.

#3

If

- Type-Con:** If paperbacks are made of paper, then paperbacks can be recyclable.
Token-Con: If this paperback is made of paper, then it can be recyclable.²
Type-Uncon: If paperbacks can be sources of information, then paperbacks can be recyclable.
Token-Uncon: If this paperback can be a source of information, then it can be recyclable.

And

- Type-Con:** Paperbacks are made of paper, and paperbacks can be recyclable.
Token-Con: This paperback is made of paper, and it can be recyclable.
Type-Uncon: Paperbacks can be sources of information, and paperbacks can be recyclable.
Token-Uncon: This paperback can be a source of information, and it can be recyclable.

Or

- Type-Con:** Paperbacks aren't made of paper, or paperbacks can be recyclable.
Token-Con: This paperback isn't made of paper, or it can be recyclable.
Type-Uncon: Paperbacks can't be sources of information, or paperbacks can be recyclable.
Token-Uncon: This paperback can't be a source of information, or it can be recyclable.

#4

If

- Type-Con:** If great white sharks have gills, then great white sharks can breathe under water.
Token-Con: If this great white shark has gills, then it can breathe under water.
Type-Uncon: If great white sharks are predators, then great white sharks can breathe under water.
Token-Uncon: If this great white shark is a predator, then it can breathe under water.

And

- Type-Con:** Great white sharks have gills, and great white sharks can breathe under water.
Token-Con: This great white shark has gills, and it can breathe under water.
Type-Uncon: Great white sharks are predators, and great white sharks can breathe under water.
Token-Uncon: This great white shark is a predator, and it can breathe under water.

Or

- Type-Con:** Great white sharks have no gills, or great white sharks can breathe under water.
Token-Con: This great white shark has no gills, or it can breathe under water.
Type-Uncon: Great white sharks aren't predators, or great white sharks can breathe under water.
Token-Uncon: This great white shark isn't a predator, or it can breathe under water.

² In the Experiment 3, the phrasing of the second clause of this item (and all corresponding items in the Token condition) was changed to 'it is recyclable.'

#5

If

Type-Con: If apples are fruit, then apples have seeds.
Token-Con: If this apple is a fruit, then it has seeds.
Type-Uncon: If apples can be used to bake a dessert pie, then apples have seeds.
Token-Uncon: If this apple can be used to bake a dessert pie, then it has seeds.

And

Type-Con: Apples are fruit, and apples have seeds.
Token-Con: This apple is a fruit, and it has seeds.
Type-Uncon: Apples can be used to bake a dessert pie, and apples have seeds.
Token-Uncon: This apple can be used to bake a dessert pie, and it has seeds.

Or

Type-Con: Apples aren't fruit, or apples have seeds.
Token-Con: This apple isn't a fruit, or it has seeds.
Type-Uncon: Apples can't be used to bake a dessert pie, or apples have seeds.
Token-Uncon: This apple can't be used to bake a dessert pie, or it has seeds.

#6

If

Type-Con: If laptops are portable, then laptops weigh less than 300 kg.
Token-Con: If this laptop is portable, then it weighs less than 300 kg.
Type-Uncon: If laptops are portable, then laptops are computers.
Token-Uncon: If this laptop is portable, then it is a computer.

And

Type-Con: Laptops are portable, and laptops weigh less than 300 kg.
Token-Con: This laptop is portable, and it weighs less than 300 kg.
Type-Uncon: Laptops are portable, and laptops are computers.
Token-Uncon: This laptop is portable, and it is a computer.

Or

Type-Con: Laptops aren't portable, or laptops weigh less than 300 kg.
Token-Con: This laptop isn't portable, or it weighs less than 300 kg.
Type-Uncon: Laptops aren't portable, or laptops are computers.
Token-Uncon: This laptop isn't portable, or it is a computer.

#7

If

Type-Con: If wasps are insects, then wasps are smaller than chickens.
Token-Con: If this wasp is an insect, then it is smaller than a chicken.
Type-Uncon: If wasps are bigger than ants, then wasps are smaller than chickens.
Token-Uncon: If this wasp is bigger than an ant, then it is smaller than a chicken.

And

Type-Con: Wasps are insects, and wasps are smaller than chickens.
Token-Con: This wasp is an insect, and it is smaller than a chicken.
Type-Uncon: Wasps are bigger than ants, and wasps are smaller than chickens.
Token-Uncon: This wasp is bigger than an ant, and it is smaller than a chicken.

Or

Type-Con: Wasps aren't insects, or wasps are smaller than chickens.
Token-Con: This wasp isn't an insect, or it is smaller than a chicken.
Type-Uncon: Wasps aren't bigger than ants, or wasps are smaller than chickens.
Token-Uncon: This wasp isn't bigger than an ant, or it is smaller than a chicken.

#8

If

Type-Con: If smartphones are telephones, then smartphones can be used to make phone calls.
Token-Con: If this smartphone is a telephone, then it can be used to make phone calls.
Type-Uncon: If smartphones are portable, then smartphones can be used to make phone calls.
Token-Uncon: If this smartphone is portable, then it can be used to make phone calls.

And

Type-Con: Smartphones are telephones, and smartphones can be used to make phone calls.
Token-Con: This smartphone is a telephone, and it can be used to make phone calls.
Type-Uncon: Smartphones are portable, and smartphones can be used to make phone calls.
Token-Uncon: This smartphone is portable, and it can be used to make phone calls.

Or

Type-Con: Smartphones aren't telephones, or smartphones can be used to make phone calls.
Token-Con: This smartphone isn't a telephone, or it can be used to make phone calls.
Type-Uncon: Smartphones aren't portable, or smartphones can be used to make phone calls.
Token-Uncon: This smartphone isn't portable, or it can be used to make phone calls.

#9

If

- Type-Con:** If professional basketball players have lungs, then professional basketball players can't live without oxygen.
Token-Con: If this professional basketball player has lungs, then he can't live without oxygen.
Type-Uncon: If professional basketball players have lungs, then professional basketball players train a lot.
Token-Uncon: If this professional basketball player has lungs, then he trains a lot.

And

- Type-Con:** Professional basketball players have lungs, and professional basketball players can't live without oxygen.
Token-Con: This professional basketball player has lungs, and he can't live without oxygen.
Type-Uncon: Professional basketball players have lungs, and professional basketball players train a lot.
Token-Uncon: This professional basketball player has lungs, and he trains a lot.

Or

- Type-Con:** Professional basketball players don't have lungs, or professional basketball players can't live without oxygen.
Token-Con: This professional basketball player doesn't have lungs, or he can't live without oxygen.
Type-Uncon: Professional basketball players don't have lungs, or professional basketball players train a lot.
Token-Uncon: This professional basketball player doesn't have lungs, or he trains a lot.

#10

If

- Type-Con:** If microwave ovens were developed in the 20th century, then no one used microwave ovens in the 19th century.
Token-Con: If this microwave oven was developed in the 20th century, then no one used it in the 19th century.
Type-Uncon: If microwave ovens were developed in the 20th century, then microwave ovens are kitchen appliances.
Token-Uncon: If this microwave oven was developed in the 20th century, then it is a kitchen appliance.

And

- Type-Con:** Microwave ovens were developed in the 20th century, and no one used microwave ovens in the 19th century.
Token-Con: This microwave oven was developed in the 20th century, and no one used it in the 19th century.
Type-Uncon: Microwave ovens were developed in the 20th century, and microwave ovens are kitchen appliances.
Token-Uncon: This microwave oven was developed in the 20th century, and it is a kitchen appliance.

Or

Type-Con: Microwave ovens weren't developed in the 20th century, or no one used microwave ovens in the 19th century.

Token-Con: This microwave oven wasn't developed in the 20th century, or no one used it in the 19th century.

Type-Uncon: Microwave ovens weren't developed in the 20th century, or microwave ovens are kitchen appliances.

Token-Uncon: This microwave oven wasn't developed in the 20th century, or it is a kitchen appliance.

#11

If

Type-Con: If Olympic weightlifters are human, then Olympic weightlifters have livers.

Token-Con: If this Olympic weightlifter is human, then she has a liver.

Type-Uncon: If Olympic weightlifters are strong, then Olympic weightlifters have livers.

Token-Uncon: If this Olympic weightlifter is strong, then she has a liver.

And

Type-Con: Olympic weightlifters are human, and Olympic weightlifters have livers.

Token-Con: This Olympic weightlifter is human, and she has a liver.

Type-Uncon: Olympic weightlifters are strong, and Olympic weightlifters have livers.

Token-Uncon: This Olympic weightlifter is strong, and she has a liver.

Or

Type-Con: Olympic weightlifters aren't human, or Olympic weightlifters have livers.

Token-Con: This Olympic weightlifter isn't human, or she has a liver.

Type-Uncon: Olympic weightlifters aren't strong, or Olympic weightlifters have livers.

Token-Uncon: This Olympic weightlifter isn't strong, or she has a liver.

#12

If

Type-Con: If boxes are containers, then one can put things in boxes.

Token-Con: If this box is a container, then one can put things in it.

Type-Uncon: If boxes can be made of cardboard, then one can put things in boxes.

Token-Uncon: If this box is made of cardboard, then one can put things in it.

And

Type-Con: Boxes are containers, and one can put things in boxes.

Token-Con: This box is a container, and one can put things in it.

Type-Uncon: Boxes can be made of cardboard, and one can put things in boxes.

Token-Uncon: This box is made of cardboard, and one can put things in it.

Or

Type-Con: Boxes aren't containers, or one can put things in boxes.
Token-Con: This box isn't a container, or one can put things in it.
Type-Uncon: Boxes can't be made of cardboard, or one can put things in boxes.
Token-Uncon: This box isn't made of cardboard, or one can put things in it.

#13

If

Type-Con: If sunglasses protect eyes from ultraviolet radiation, then sunglasses protect eyes from damage and discomfort.
Token-Con: If these sunglasses protect eyes from ultraviolet radiation, then they protect eyes from damage and discomfort.
Type-Uncon: If sunglasses protect eyes from ultraviolet radiation, then sunglasses are fashion accessories.
Token-Uncon: If these sunglasses protect eyes from ultraviolet radiation, then they are a fashion accessory.

And

Type-Con: Sunglasses protect eyes from ultraviolet radiation, and sunglasses protect eyes from damage and discomfort.
Token-Con: These sunglasses protect eyes from ultraviolet radiation, and they protect eyes from damage and discomfort.
Type-Uncon: Sunglasses protect eyes from ultraviolet radiation, and sunglasses are fashion accessories.
Token-Uncon: These sunglasses protect eyes from ultraviolet radiation, and they are a fashion accessory.

Or

Type-Con: Sunglasses don't protect eyes from ultraviolet radiation, or sunglasses protect eyes from damage and discomfort.
Token-Con: These sunglasses don't protect eyes from ultraviolet radiation, or they protect eyes from damage and discomfort.
Type-Uncon: Sunglasses don't protect eyes from ultraviolet radiation, or sunglasses are fashion accessories.
Token-Uncon: These sunglasses don't protect eyes from ultraviolet radiation, or they are a fashion accessory.

#14

If

Type-Con: If tigers hunt and eat animals, then tigers are carnivorous.
Token-Con: If this tiger hunts and eats animals, then it is carnivorous.
Type-Uncon: If tigers hunt and eat animals, then tigers are large cats.
Token-Uncon: If this tiger hunts and eats animals, then it is a large cat.

And

Type-Con: Tigers hunt and eat animals, and tigers are carnivorous.
Token-Con: This tiger hunts and eats animals, and it is carnivorous.
Type-Uncon: Tigers hunt and eat animals, and tigers are large cats.
Token-Uncon: This tiger hunts and eats animals, and it is a large cat.

Or

Type-Con: Tigers don't hunt and eat animals, or tigers are carnivorous.
Token-Con: This tiger doesn't hunt and eat animals, or it is carnivorous.
Type-Uncon: Tigers don't hunt and eat animals, or tigers are large cats.
Token-Uncon: This tiger doesn't hunt and eats animals, or it is a large cat.

#15

If

Type-Con: If bottles can be used to store liquid, then bottles can be used to store milk.
Token-Con: If this bottle can be used to store liquid, then it can be used to store milk.
Type-Uncon: If bottles can be made of glass, then bottles can be used to store milk.
Token-Uncon: If this bottle is made of glass, then it can be used to store milk.

And

Type-Con: Bottles can be used to store liquid, and bottles can be used to store milk.
Token-Con: This bottle can be used to store liquid, and it can be used to store milk.
Type-Uncon: Bottles can be made of glass, and bottles can be used to store milk.
Token-Uncon: This bottle is made of glass, and it can be used to store milk.

Or

Type-Con: Bottles can't be used to store liquid, or bottles can be used to store milk.
Token-Con: This bottle can't be used to store liquid, or it can be used to store milk.
Type-Uncon: Bottles can't be made of glass, or bottles can be used to store milk.
Token-Uncon: This bottle isn't made of glass, or it can be used to store milk.

#16

If

Type-Con: If electric guitars are musical instruments, then electric guitars can be used to play music.
Token-Con: If this electric guitar is a musical instrument, then it can be used to play music.
Type-Uncon: If electric guitars are musical instruments, then electric guitars require electricity.
Token-Uncon: If this electric guitar is a musical instrument, then it requires electricity.

And

Type-Con: Electric guitars are musical instruments, and electric guitars can be used to play music.
Token-Con: This electric guitar is a musical instrument, and it can be used to play music.
Type-Uncon: Electric guitars are musical instruments, and electric guitars require electricity.
Token-Uncon: This electric guitar is a musical instrument, and it requires electricity.

Or

Type-Con: Electric guitars aren't musical instruments, or electric guitars can be used to play music.
Token-Con: This electric guitar isn't a musical instrument, or it can be used to play music.
Type-Uncon: Electric guitars aren't musical instruments, or electric guitars require electricity.
Token-Uncon: This electric guitar isn't a musical instrument, or it requires electricity.

Experiment 4

#1

If

Type-Con: If roses are plants, they need water.
Token-Con: If this rose is a plant, it needs water.
Type-Uncon: If roses are plants, they have thorns.
Token-Uncon: If this rose is a plant, it has thorns.

If_then

Type-Con: If roses are plants, then they need water.
Token-Con: If this rose is a plant, then it needs water.
Type-Uncon: If roses are plants, then they have thorns.
Token-Uncon: If this rose is a plant, then it has thorns.

And

Type-Con: Roses are plants, and they need water.
Token-Con: This rose is a plant, and it needs water.
Type-Uncon: Roses are plants, and they have thorns.
Token-Uncon: This rose is a plant, and it has thorns.

#2

If

Type-Con: If chimpanzees use tools to acquire food, they are more intelligent than snails.
Token-Con: If this chimpanzee uses a tool to acquire food, it is more intelligent than a snail.
Type-Uncon: If chimpanzees use tools to acquire food, they are furry.
Token-Uncon: If this chimpanzee uses a tool to acquire food, it is furry.

If_then

Type-Con: If chimpanzees use tools to acquire food, then they are more intelligent than snails.
Token-Con: If this chimpanzee uses a tool to acquire food, then it is more intelligent than a snail.
Type-Uncon: If chimpanzees use tools to acquire food, then they are furry.
Token-Uncon: If this chimpanzee uses a tool to acquire food, then it is furry.

And

Type-Con: Chimpanzees use tools to acquire food, and they are more intelligent than snails.
Token-Con: This chimpanzee uses a tool to acquire food, and it is more intelligent than a snail.
Type-Uncon: Chimpanzees use tools to acquire food, and they are furry.
Token-Uncon: This chimpanzee uses a tool to acquire food, and it is furry.

#3

If

- Type-Con:** If paperbacks are made of paper, they can be recyclable.
Token-Con: If this paperback is made of paper, it is recyclable.
Type-Uncon: If paperbacks can be sources of information, they can be recyclable.
Token-Uncon: If this paperback can be a source of information, it is recyclable.

If_then

- Type-Con:** If paperbacks are made of paper, then they can be recyclable.
Token-Con: If this paperback is made of paper, then it is recyclable.
Type-Uncon: If paperbacks can be sources of information, then they can be recyclable.
Token-Uncon: If this paperback can be a source of information, then it is recyclable.

And

- Type-Con:** Paperbacks are made of paper, and they can be recyclable.
Token-Con: This paperback is made of paper, and it is recyclable.
Type-Uncon: Paperbacks can be sources of information, and they can be recyclable.
Token-Uncon: This paperback can be a source of information, and it is recyclable.

#4

If

- Type-Con:** If great white sharks have gills, they can breathe under water.
Token-Con: If this great white shark has gills, it can breathe under water.
Type-Uncon: If great white sharks are predators, they can breathe under water.
Token-Uncon: If this great white shark is a predator, it can breathe under water.

If_then

- Type-Con:** If great white sharks have gills, then they can breathe under water.
Token-Con: If this great white shark has gills, then it can breathe under water.
Type-Uncon: If great white sharks are predators, then they can breathe under water.
Token-Uncon: If this great white shark is a predator, then it can breathe under water.

And

- Type-Con:** Great white sharks have gills, and they can breathe under water.
Token-Con: This great white shark has gills, and it can breathe under water.
Type-Uncon: Great white sharks are predators, and they can breathe under water.
Token-Uncon: This great white shark is a predator, and it can breathe under water.

#5

If

Type-Con: If apples are fruit, then they have seeds.
Token-Con: If this apple is a fruit, then it has seeds.
Type-Uncon: If apples can be used to bake a dessert pie, then they have seeds.
Token-Uncon: If this apple can be used to bake a dessert pie, then it has seeds.

If_then

Type-Con: If apples are fruit, then they have seeds.
Token-Con: If this apple is a fruit, then it has seeds.
Type-Uncon: If apples can be used to bake a dessert pie, then they have seeds.
Token-Uncon: If this apple can be used to bake a dessert pie, then it has seeds.

And

Type-Con: Apples are fruit, and they have seeds.
Token-Con: This apple is a fruit, and it has seeds.
Type-Uncon: Apples can be used to bake a dessert pie, and they have seeds.
Token-Uncon: This apple can be used to bake a dessert pie, and it has seeds.

#6

If

Type-Con: If laptops are portable, they weigh less than 300 kg.
Token-Con: If this laptop is portable, it weighs less than 300 kg.
Type-Uncon: If laptops are portable, they are computers.
Token-Uncon: If this laptop is portable, it is a computer.

If_then

Type-Con: If laptops are portable, then they weigh less than 300 kg.
Token-Con: If this laptop is portable, then it weighs less than 300 kg.
Type-Uncon: If laptops are portable, then they are computers.
Token-Uncon: If this laptop is portable, then it is a computer.

And

Type-Con: Laptops are portable, and they weigh less than 300 kg.
Token-Con: This laptop is portable, and it weighs less than 300 kg.
Type-Uncon: Laptops are portable, and they are computers.
Token-Uncon: This laptop is portable, and it is a computer.

#7

If

Type-Con: If wasps are insects, they are smaller than chickens.
Token-Con: If this wasp is an insect, it is smaller than a chicken.
Type-Uncon: If wasps are bigger than ants, they are smaller than chickens.
Token-Uncon: If this wasp is bigger than an ant, it is smaller than a chicken.

If_then

Type-Con: If wasps are insects, then they are smaller than chickens.
Token-Con: If this wasp is an insect, then it is smaller than a chicken.
Type-Uncon: If wasps are bigger than ants, then they are smaller than chickens.
Token-Uncon: If this wasp is bigger than an ant, then it is smaller than a chicken.

And

Type-Con: Wasps are insects, and they are smaller than chickens.
Token-Con: This wasp is an insect, and it is smaller than a chicken.
Type-Uncon: Wasps are bigger than ants, and they are smaller than chickens.
Token-Uncon: This wasp is bigger than an ant, and it is smaller than a chicken.

#8

If

Type-Con: If smartphones are telephones, they can be used to make phone calls.
Token-Con: If this smartphone is a telephone, it can be used to make phone calls.
Type-Uncon: If smartphones are portable, they can be used to make phone calls.
Token-Uncon: If this smartphone is portable, it can be used to make phone calls.

If_then

Type-Con: If smartphones are telephones, then they can be used to make phone calls.
Token-Con: If this smartphone is a telephone, then it can be used to make phone calls.
Type-Uncon: If smartphones are portable, then they can be used to make phone calls.
Token-Uncon: If this smartphone is portable, then it can be used to make phone calls.

And

Type-Con: Smartphones are telephones, and they can be used to make phone calls.
Token-Con: This smartphone is a telephone, and it can be used to make phone calls.
Type-Uncon: Smartphones are portable, and they can be used to make phone calls.
Token-Uncon: This smartphone is portable, and it can be used to make phone calls.

#9

If

Type-Con: If professional basketball players have lungs, they can't live without oxygen.

Token-Con: If this professional basketball player has lungs, he can't live without oxygen.

Type-Uncon: If professional basketball players have lungs, they train a lot.

Token-Uncon: If this professional basketball player has lungs, he trains a lot.

If_then

Type-Con: If professional basketball players have lungs, then they can't live without oxygen.

Token-Con: If this professional basketball player has lungs, then he can't live without oxygen.

Type-Uncon: If professional basketball players have lungs, then they train a lot.

Token-Uncon: If this professional basketball player has lungs, then he trains a lot.

And

Type-Con: Professional basketball players have lungs, and they can't live without oxygen.

Token-Con: This professional basketball player has lungs, and he can't live without oxygen.

Type-Uncon: Professional basketball players have lungs, and they train a lot.

Token-Uncon: This professional basketball player has lungs, and he trains a lot.

#10

If

Type-Con: If microwave ovens were developed in the 20th century, no one used them in the 19th century.

Token-Con: If this microwave oven was developed in the 20th century, no one used it in the 19th century.

Type-Uncon: If microwave ovens were developed in the 20th century, they are kitchen appliances.

Token-Uncon: If this microwave oven was developed in the 20th century, it is a kitchen appliance.

If_then

Type-Con: If microwave ovens were developed in the 20th century, then no one used them in the 19th century.

Token-Con: If this microwave oven was developed in the 20th century, then no one used it in the 19th century.

Type-Uncon: If microwave ovens were developed in the 20th century, then they are kitchen appliances.

Token-Uncon: If this microwave oven was developed in the 20th century, then it is a kitchen appliance.

And

Type-Con: Microwave ovens were developed in the 20th century, and no one used them in the 19th century.

Token-Con: This microwave oven was developed in the 20th century, and no one used it in the 19th century.

Type-Uncon: Microwave ovens were developed in the 20th century, and they are kitchen appliances.

Token-Uncon: This microwave oven was developed in the 20th century, and it is a kitchen appliance.

#11

If

Type-Con: If Olympic weightlifters are human, they have livers.

Token-Con: If this Olympic weightlifter is human, she has a liver.

Type-Uncon: If Olympic weightlifters are strong, they have livers.

Token-Uncon: If this Olympic weightlifter is strong, she has a liver.

If_then

Type-Con: If Olympic weightlifters are human, then they have livers.

Token-Con: If this Olympic weightlifter is human, then she has a liver.

Type-Uncon: If Olympic weightlifters are strong, then they have livers.

Token-Uncon: If this Olympic weightlifter is strong, then she has a liver.

And

Type-Con: Olympic weightlifters are human, and they have livers.

Token-Con: This Olympic weightlifter is human, and she has a liver.

Type-Uncon: Olympic weightlifters are strong, and they have livers.

Token-Uncon: This Olympic weightlifter is strong, and she has a liver.

#12

If

Type-Con: If boxes are containers, one can put things in them.

Token-Con: If this box is a container, one can put things in it.

Type-Uncon: If boxes can be made of cardboard, one can put things in them.

Token-Uncon: If this box is made of cardboard, one can put things in it.

If_then

Type-Con: If boxes are containers, then one can put things in them.

Token-Con: If this box is a container, then one can put things in it.

Type-Uncon: If boxes can be made of cardboard, then one can put things in them.

Token-Uncon: If this box is made of cardboard, then one can put things in it.

And

Type-Con: Boxes are containers, and one can put things in them.

Token-Con: This box is a container, and one can put things in it.

Type-Uncon: Boxes can be made of cardboard, and one can put things in them.

Token-Uncon: This box is made of cardboard, and one can put things in it.

#13

If

Type-Con: If sunglasses protect eyes from ultraviolet radiation, they protect eyes from damage and discomfort.

Token-Con: If these sunglasses protect eyes from ultraviolet radiation, they protect eyes from damage and discomfort.

Type-Uncon: If sunglasses protect eyes from ultraviolet radiation, they are fashion accessories.

Token-Uncon: If these sunglasses protect eyes from ultraviolet radiation, they are a fashion accessory.

If_then

Type-Con: If sunglasses protect eyes from ultraviolet radiation, then they protect eyes from damage and discomfort.

Token-Con: If these sunglasses protect eyes from ultraviolet radiation, then they protect eyes from damage and discomfort.

Type-Uncon: If sunglasses protect eyes from ultraviolet radiation, then they are fashion accessories.

Token-Uncon: If these sunglasses protect eyes from ultraviolet radiation, then they are a fashion accessory.

And

Type-Con: Sunglasses protect eyes from ultraviolet radiation, and they protect eyes from damage and discomfort.

Token-Con: These sunglasses protect eyes from ultraviolet radiation, and they protect eyes from damage and discomfort.

Type-Uncon: Sunglasses protect eyes from ultraviolet radiation, and they are fashion accessories.

Token-Uncon: These sunglasses protect eyes from ultraviolet radiation, and they are a fashion accessory.

#14

If

Type-Con: If tigers hunt and eat animals, they are carnivorous.

Token-Con: If this tiger hunts and eats animals, it is carnivorous.

Type-Uncon: If tigers hunt and eat animals, they are large cats.

Token-Uncon: If this tiger hunts and eats animals, it is a large cat.

If_then

Type-Con: If tigers hunt and eat animals, then they are carnivorous.

Token-Con: If this tiger hunts and eats animals, then it is carnivorous.

Type-Uncon: If tigers hunt and eat animals, then they are large cats.

Token-Uncon: If this tiger hunts and eats animals, then it is a large cat.

And

Type-Con: Tigers hunt and eat animals, and they are carnivorous.

Token-Con: This tiger hunts and eats animals, and it is carnivorous.

Type-Uncon: Tigers hunt and eat animals, and they are large cats.

Token-Uncon: This tiger hunts and eats animals, and it is a large cat.

#15

If

Type-Con: If bottles can be used to store liquid, they can be used to store milk.
Token-Con: If this bottle can be used to store liquid, it can be used to store milk.
Type-Uncon: If bottles can be made of glass, they can be used to store milk.
Token-Uncon: If this bottle is made of glass, it can be used to store milk.

If_then

Type-Con: If bottles can be used to store liquid, then they can be used to store milk.
Token-Con: If this bottle can be used to store liquid, then it can be used to store milk.
Type-Uncon: If bottles can be made of glass, then they can be used to store milk.
Token-Uncon: If this bottle is made of glass, then it can be used to store milk.

And

Type-Con: Bottles can be used to store liquid, and they can be used to store milk.
Token-Con: This bottle can be used to store liquid, and it can be used to store milk.
Type-Uncon: Bottles can be made of glass, and they can be used to store milk.
Token-Uncon: This bottle is made of glass, and it can be used to store milk.

#16

If

Type-Con: If electric guitars are musical instruments, they can be used to play music.
Token-Con: If this electric guitar is a musical instrument, it can be used to play music.
Type-Uncon: If electric guitars are musical instruments, they require electricity.
Token-Uncon: If this electric guitar is a musical instrument, it requires electricity.

If_then

Type-Con: If electric guitars are musical instruments, then they can be used to play music.
Token-Con: If this electric guitar is a musical instrument, then it can be used to play music.
Type-Uncon: If electric guitars are musical instruments, then they require electricity.
Token-Uncon: If this electric guitar is a musical instrument, then it requires electricity.

And

Type-Con: Electric guitars are musical instruments, and they can be used to play music.
Token-Con: This electric guitar is a musical instrument, and it can be used to play music.
Type-Uncon: Electric guitars are musical instruments, and they require electricity.
Token-Uncon: This electric guitar is a musical instrument, and it requires electricity.