

Deductive Reasoning Examples

Example 1:

1. **Premise 1:** All mammals have a backbone.
2. **Premise 2:** A dog is a mammal.
3. **Conclusion:** A dog has a backbone.

Example 2:

1. **Premise 1:** All birds have feathers.
2. **Premise 2:** A sparrow is a bird.
3. **Conclusion:** A sparrow has feathers.

Example 3:

1. **Premise 1:** All humans are mortal.
2. **Premise 2:** Socrates is a human.
3. **Conclusion:** Socrates is mortal.

Example 4:

1. **Premise 1:** All squares have four equal sides.
2. **Premise 2:** A shape is a square.
3. **Conclusion:** The shape has four equal sides.

Example 5:

1. **Premise 1:** If it rains, the ground will be wet.

2. **Premise 2:** It is raining.
3. **Conclusion:** The ground is wet.

Example 6:

1. **Premise 1:** All cars require fuel to run.
2. **Premise 2:** My car is a car.
3. **Conclusion:** My car requires fuel to run.

Example 7:

1. **Premise 1:** No reptiles have fur.
2. **Premise 2:** A snake is a reptile.
3. **Conclusion:** A snake does not have fur.

Example 8:

1. **Premise 1:** All apples are fruits.
2. **Premise 2:** This object is an apple.
3. **Conclusion:** This object is a fruit.