

Algorithmic Thinking for Migrants Teachers Education

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Quiz #1: Logical Thinking

1. Answer by either true or false the below propositions

- A dog has 4 legs **(true)**
- A ruler is an instrument used to measure things. **(true)**
- A cat has two legs.
- The cat has a short tail. **(true)**
- 1 kilogram weights more than 1 gram.
- A car usually goes faster than a bicycle. **(true)**
- A cat runs faster than a turtle. **(true)**
- A man can't fly. **(true)**
- The elephant doesn't have a trunk.

2. Compound Propositions (true or false)

- A dog has 4 legs **and** a parrot 2 **(true)**
- A triangle has 3 sides **or** a rectangle has 3 sides **(true)**
- A cat has 4 legs **and not** a cow has 2 legs **(true)**
- $X > 2$ and $x < 10$ and not $x < 15$

