

Every cat is orange.

**Available predicates:**

*Orange*( $x$ ), which states that  $x$  is orange

*Cat*( $x$ ), which states that  $x$  is a cat

Some cat is orange.

**Available predicates:**

*Orange*( $x$ ), which states that  $x$  is orange

*Cat*( $x$ ), which states that  $x$  is a cat

There are no orange cats.

**Available predicates:**

*Orange*( $x$ ), which states that  $x$  is orange

*Cat*( $x$ ), which states that  $x$  is a cat

Some cat is not orange.

**Available predicates:**

*Orange*( $x$ ), which states that  $x$  is orange

*Cat*( $x$ ), which states that  $x$  is a cat