









TAKE THE Comet Quiz!

ARE THESE STATEMENTS ABOUT
COMETS TRUE OR FALSE? LIFT THE
COVERS TO SEE IF YOU'RE RIGHT!

The nucleus of a comet
is too small to be seen
from Earth, even with
telescopes.

Sublimation is a process
where a solid turns
directly into a gas.

Comets that come
close to the sun
produce a tail.

"Some comets
have a firm
solid nucleus
near the sun,
but it's small."

Comets are very hot
objects and that is why
they glow brightly.

A comet nucleus is
composed mostly of
water ice.

Comets
glow
because of
the heat of the
sun.

The comet is made
of gas and dust.
The gas is the
coma and the
dust is the tail.

The sun is the original
source of all energy
in a comet.

An average comet
nucleus is the same
size as a city on Earth.

A comet
nucleus is
smaller than
a city.

It would
be difficult
to see a small
comet nucleus
from Earth.

Some comets come from
a region in the plane of
our solar system beyond
Neptune called the
Kuiper disk.

Comets with
nuclei in the
Kuiper disk
are called
Kuiper belt
comets.

It would
be difficult
to see a small
comet nucleus
from Earth.

A comet is very solid inside
the nucleus of a comet.

A comet
nucleus
is very solid.

It would
be difficult
to see a small
comet nucleus
from Earth.



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