

Lasers! Which are real and which are fake?

Lasers are powerful beams of light that can do amazing things! Some lasers are real and used in everyday life, while others are just fun inventions for movies and TV shows.

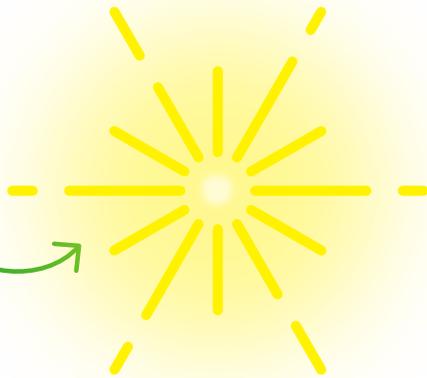
Take this true or false quiz to test your laser logic. Just read the questions and circle 'T' for True or 'F' for False. When you are done, check the answers at the bottom of the next page.

TRUE OR FALSE?

1

Lasers are made of light.

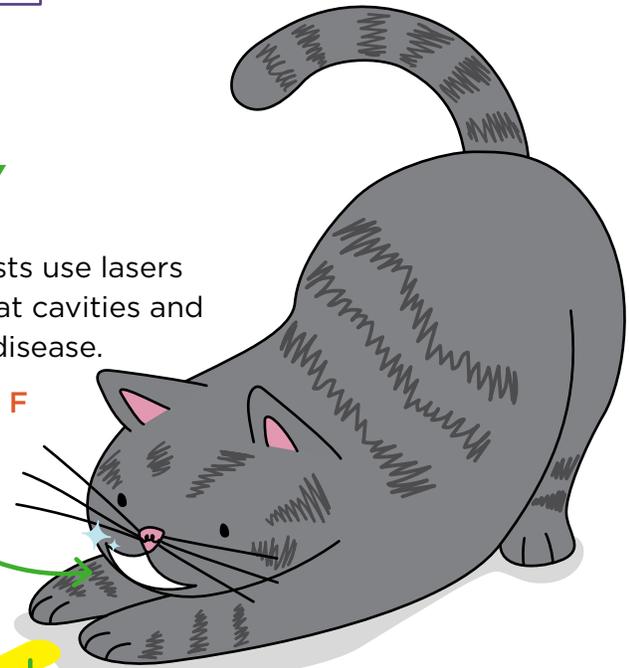
T OR F



2

Dentists use lasers to treat cavities and gum disease.

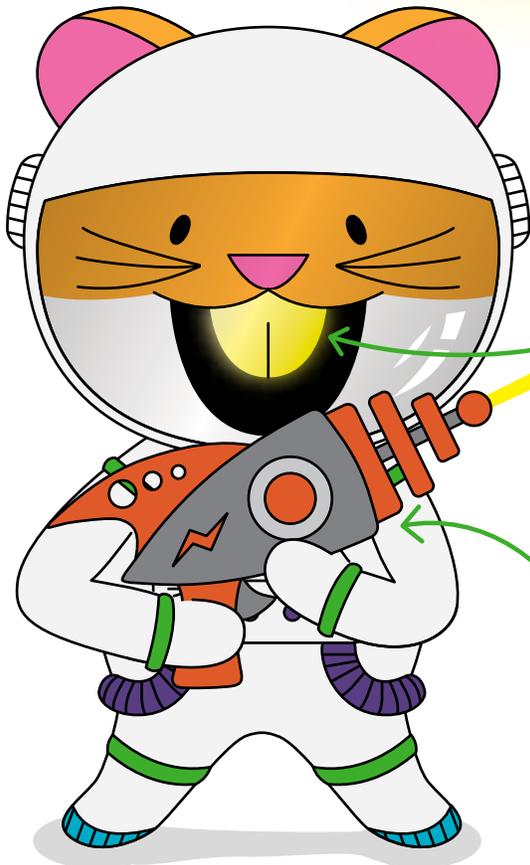
T OR F



3

Dental lasers make your teeth glow in the dark.

T OR F



4

Cats love to chase laser dots.

T OR F

5

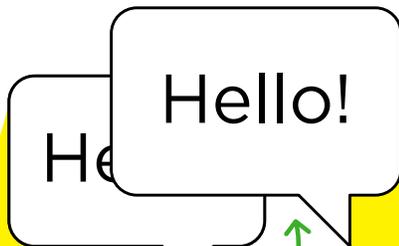
Astronauts use ray guns to protect themselves on distant planets.

T OR F

6

It's possible to communicate using lasers.

T OR F



7

Some lasers are strong enough to cut through metal.

T OR F

9

All lasers are dangerous.

T OR F



8

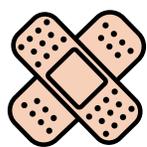
Lasers can harm your eyes.

T OR F

10

Lasers can help gums heal faster.

T OR F



ANSWERS

1

TRUE

Lasers are powerful, focused beams of light.

2

TRUE

Lasers can help fix cavities and treat gum disease.

3

FALSE

Your teeth will not glow in the dark after visiting the dentist, but your smile will be healthier.

4

TRUE

Many cats (and some dogs) love chasing red laser pointer dots.

5

FALSE

Ray guns are just for fun in books, TV shows, and movies.

6

TRUE

Scientists have used laser technology to send messages as far as 10 million miles away.

7

TRUE

Special lasers are used in factories to cut metal and other materials.

8

TRUE

Be very careful not to look directly at a laser or laser pointer, as you can hurt your eyes or permanently damage your vision.

9

FALSE

Many lasers, like laser pointers, barcode scanners, and those used in dentistry, are safe when used the right way.

10

TRUE

They help reduce swelling and speed up healing.