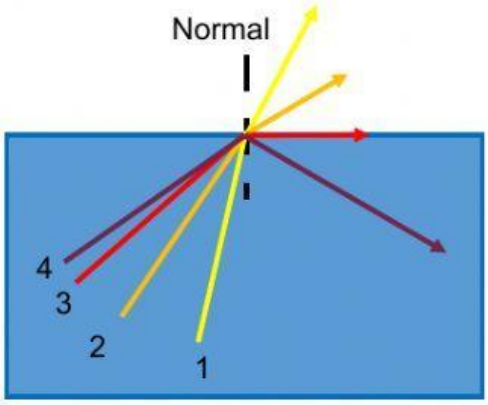
Total internal reflection



1. When the light travels from _____ medium (glass) to _____ medium (air), it bends _____ normal.
2. When the angle of incidence, *i*, is _____, the angle of refraction, *r*, is also increasing.
3. At a specific angle, the refracted ray will be at the glass-air boundary. This angle is called as _____.
4. If the angle of incidence is increased further, the light is not _____ anymore but it internally _____. This phenomenon is known as _____.

Choose two pictures where the total internal refection is applied.

Mirage

Thunder

Fiber optics