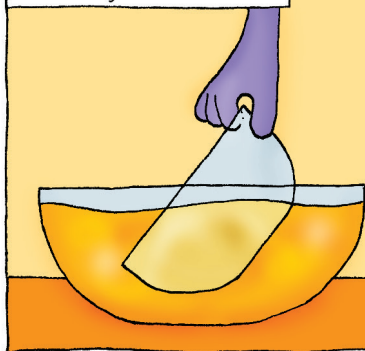


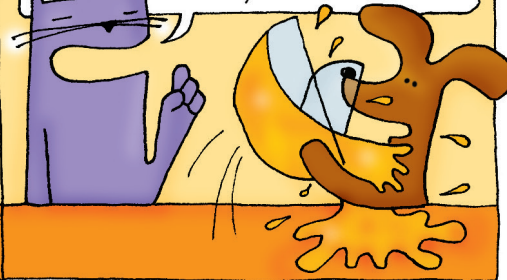
Carefully lower the small bowl into the vegetable oil.



The small bowl disappears as it gets covered in oil!



The refractive index of Pyrex® glass is the same as that for vegetable oil, so as light passes through the glass of both bowls and the oil it doesn't bend – refract – at all and you can't see the small bowl.



[www.physics.org](http://www.physics.org) search term: refractive index