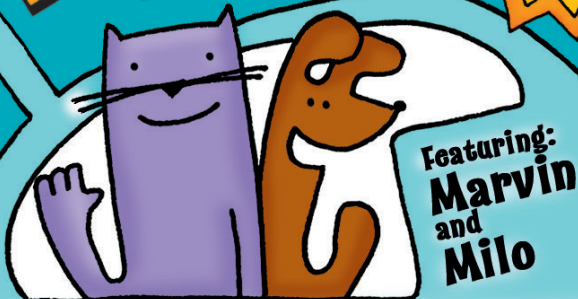


DO ~~IT~~ TRY THIS AT HOME

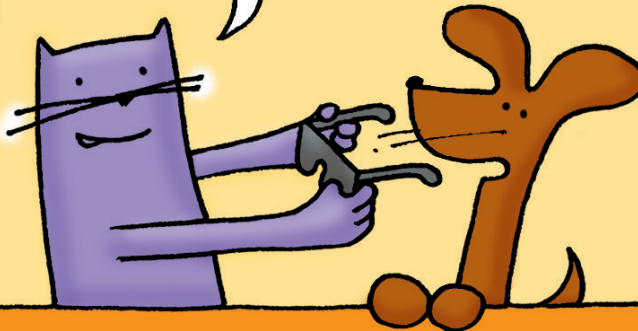
issue #152



Featuring:
**Marvin
and
Milo**

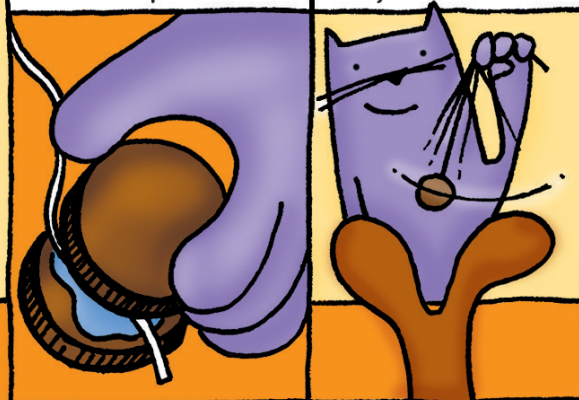
What you need: • Blu Tack • String about 1 metre long
• Two 2p coins • Old pair of sunglasses

Hey Milo - I'm not trying to hypnotise you, but I can trick your brain with this pendulum!



Stick the 2p pieces together with Blu Tack and tie the string to it to make a pendulum.

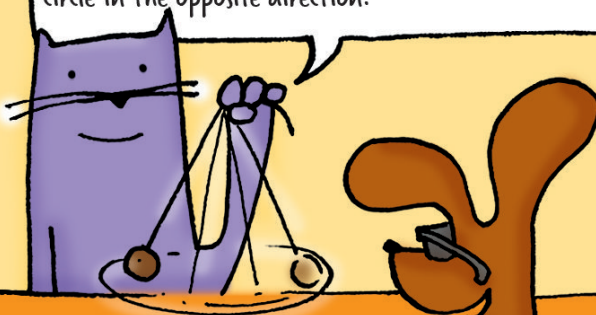
Watch from about 2m away as it's swung from side to side in a straight line.



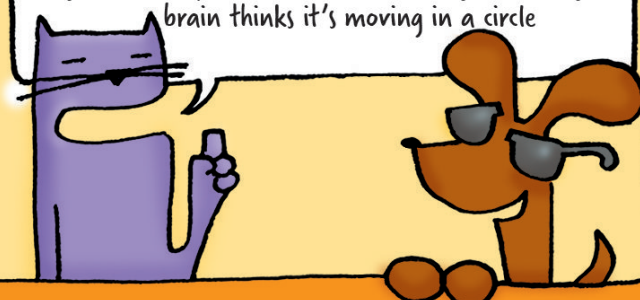
Break the sunglasses in half at the nose, and put a lens in front of one eye, but look at the moving pendulum through both eyes. Swap the lens to the other eye and watch again.



You'll see the pendulum moving in a circle or ellipse, instead of a straight line. When you put the lens in front of your other eye, you'll see it moving in a circle in the opposite direction.



Sunglasses block some light, delaying signals from your eye to your brain. Normally you don't notice, but when you cover only one eye, that eye sees the pendulum delayed with respect to what the other eye sees, so your brain thinks it's moving in a circle.



Vic Le Billon