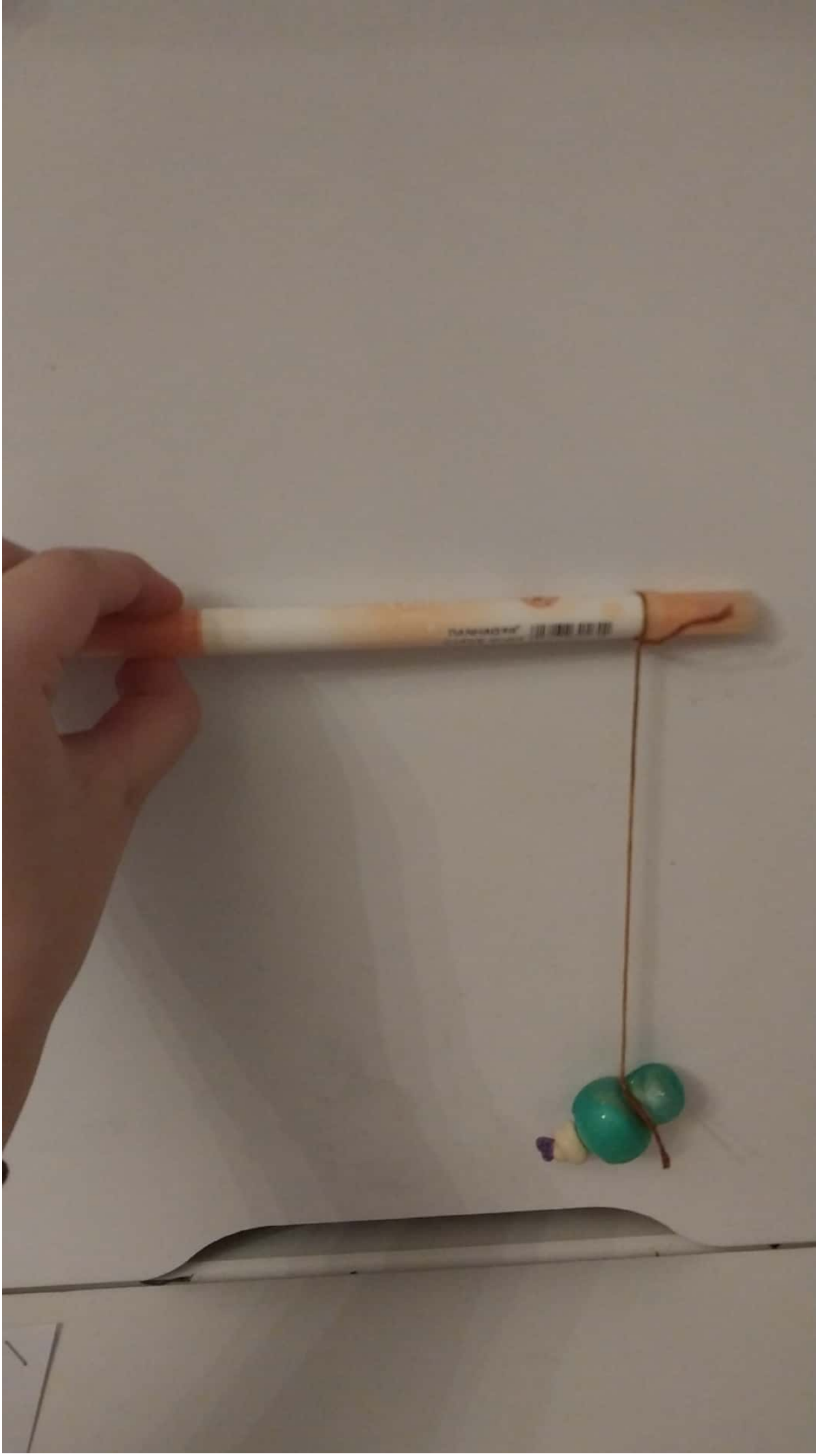

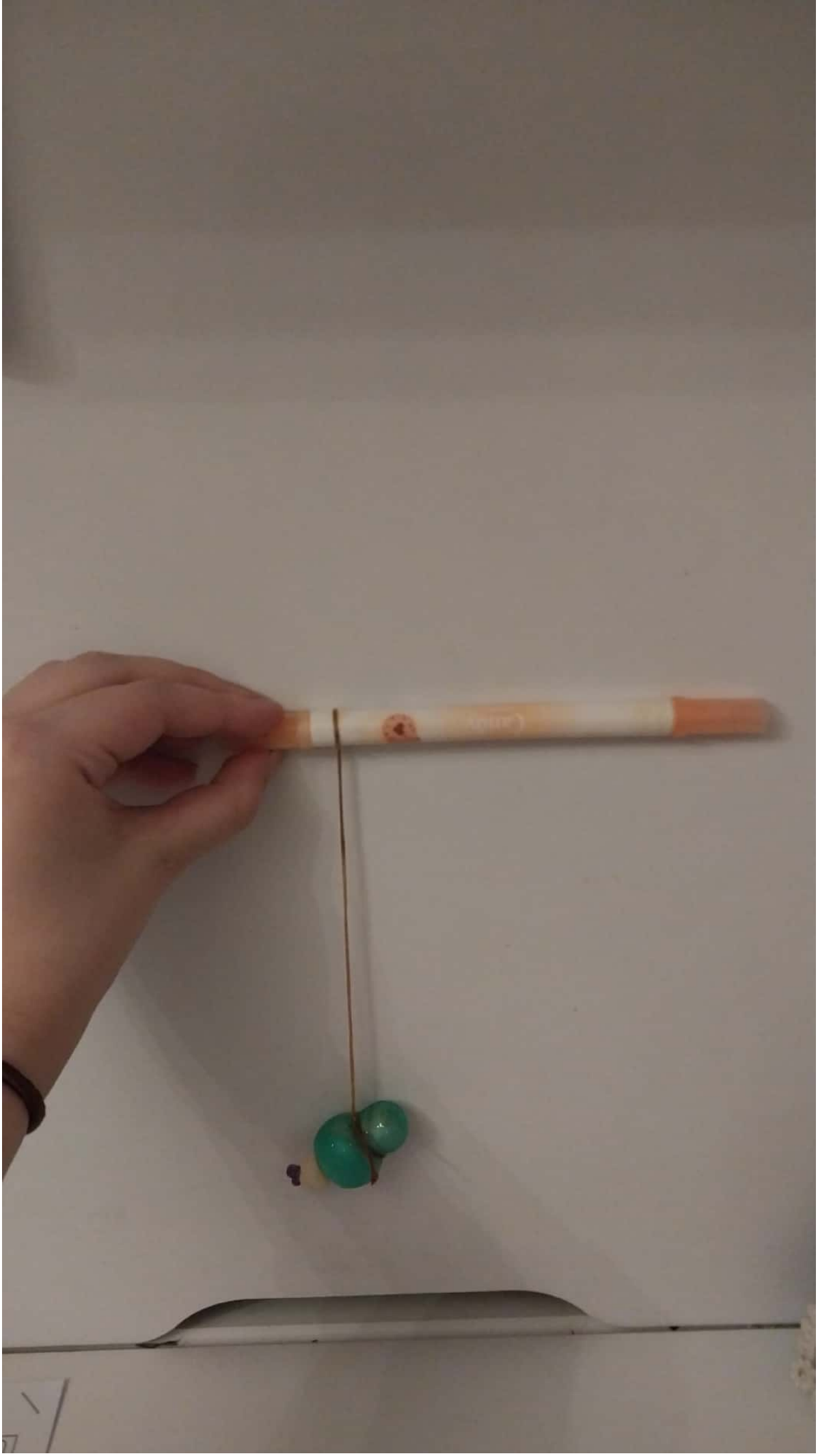

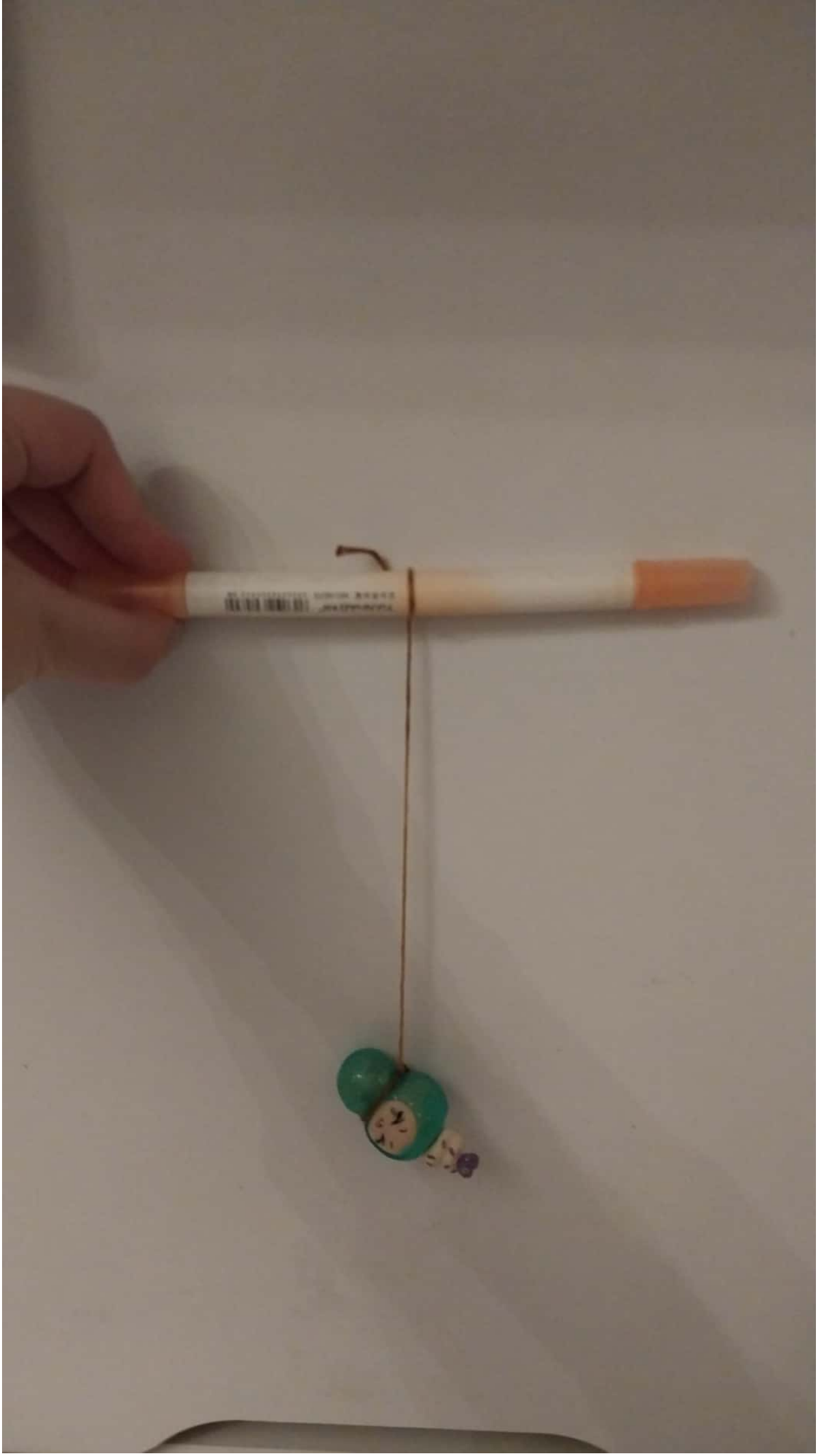

آزمایش ۵: $m = 45\ gr \Rightarrow 0.045\ kg \Rightarrow w = 0.045 \times 10 = 0.45\ N$

حالت ① فاصله = 1cm = $0.01\ m$ ⇒ کشش = $0.01 \times 45 = 0.45\ \frac{N}{m}$

حالت ② فاصله = 10cm = $0.1\ m$ ⇒ کشش = $0.45 \div 0.1 = 4.5\ \frac{N}{m}$

حالت ③ فاصله = 5cm = $0.05\ m$ ⇒ کشش = $0.45 \div 0.05 = 9\ \frac{N}{m}$