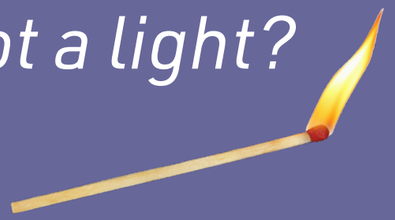
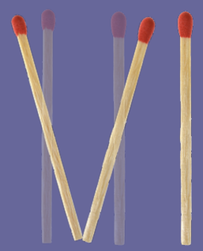
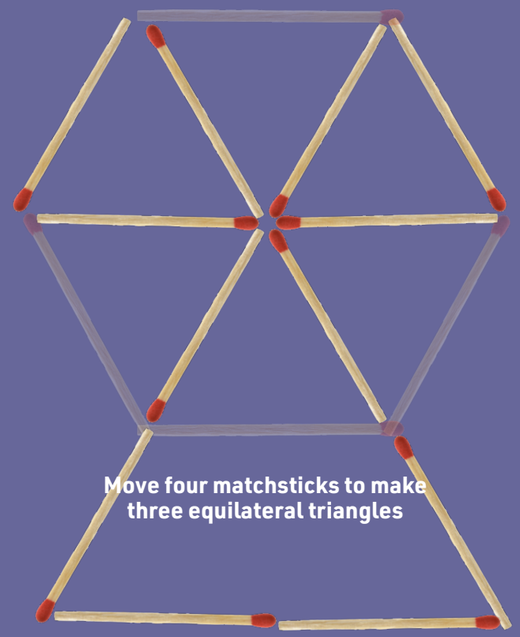
Got a light?

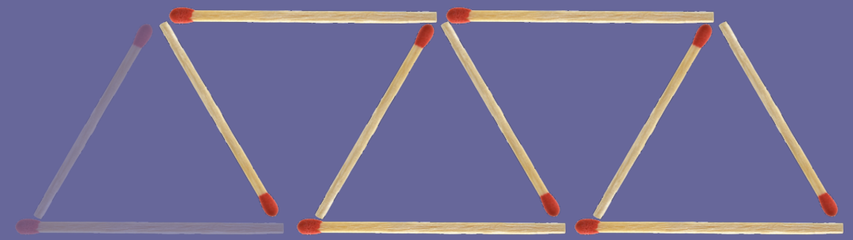




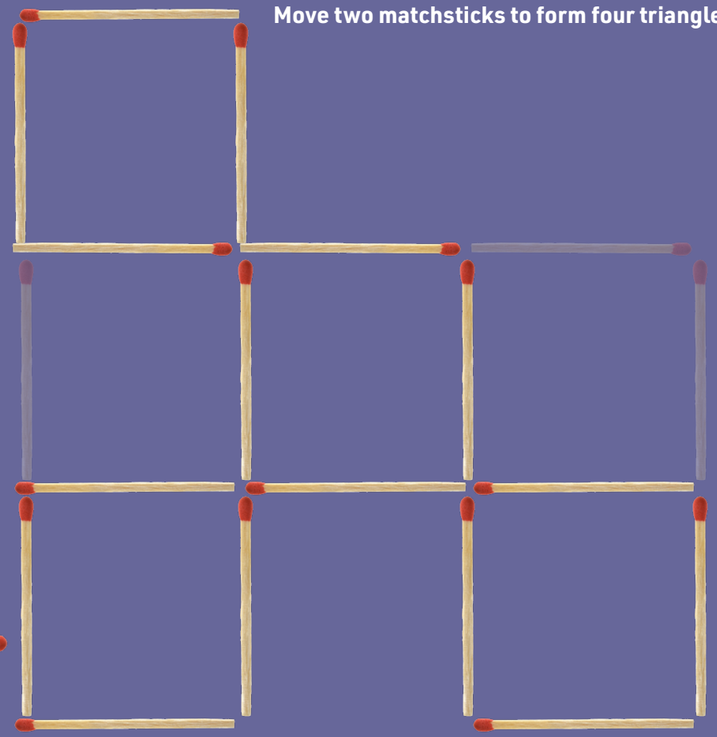
Change three matchsticks into six without breaking any of them



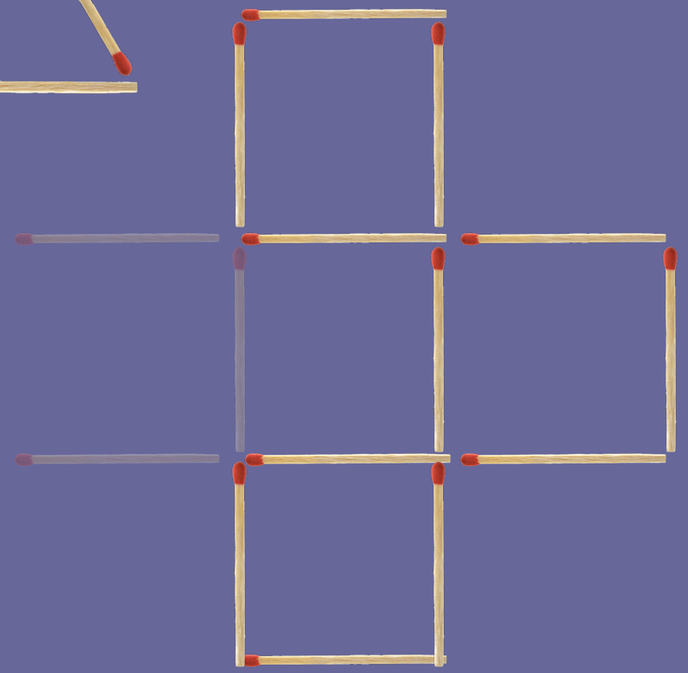
Move four matchsticks to make three equilateral triangles



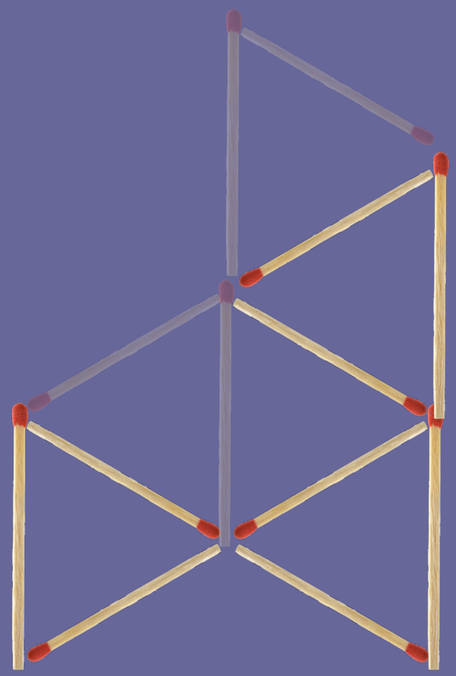
Move two matchsticks to form four triangles



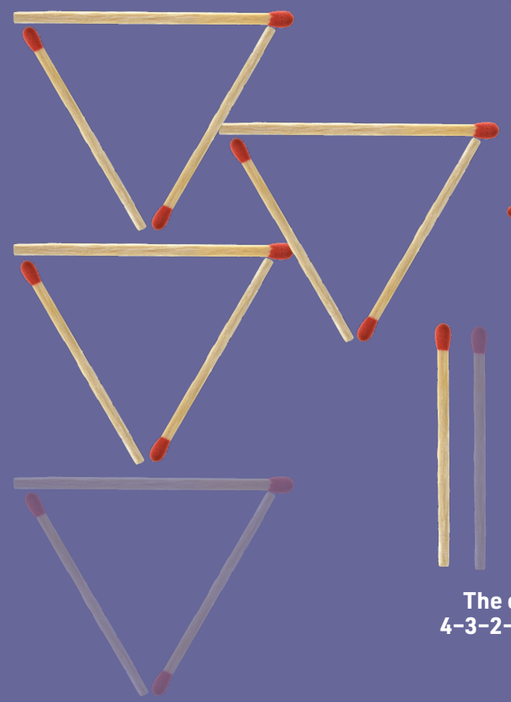
Move three matchsticks to make four squares



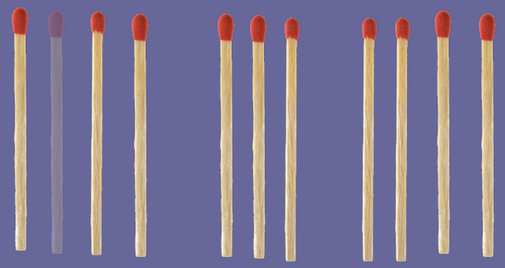
Move three matchsticks to make three squares



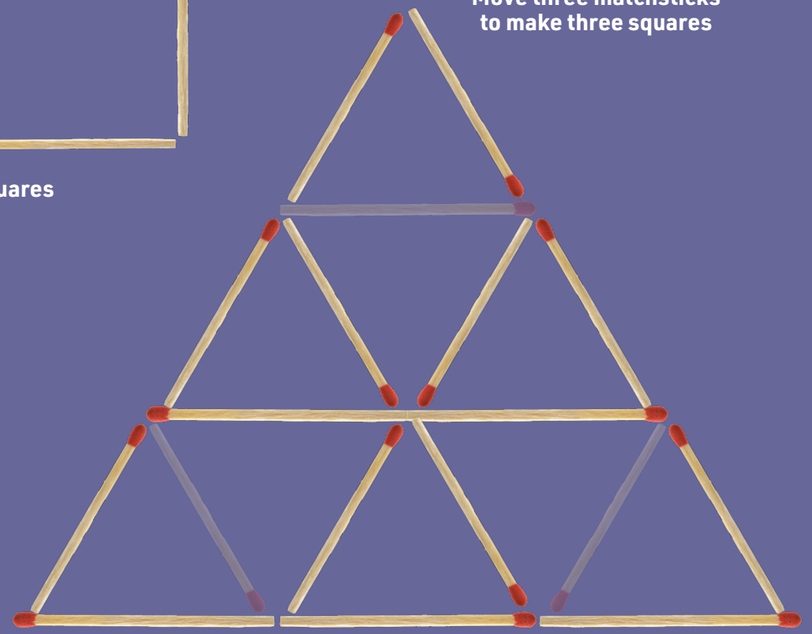
Remove four matchsticks to leave just three triangles



Move three matchsticks—no overlapping—to make four equilateral triangles



The current arrangement is, left to right, 4–3–2–1. Move just one matchstick to change the arrangement to 1–2–3–4.



This arrangement forms thirteen triangles (nine small, three medium, one large). Remove three matchsticks to make four triangles.