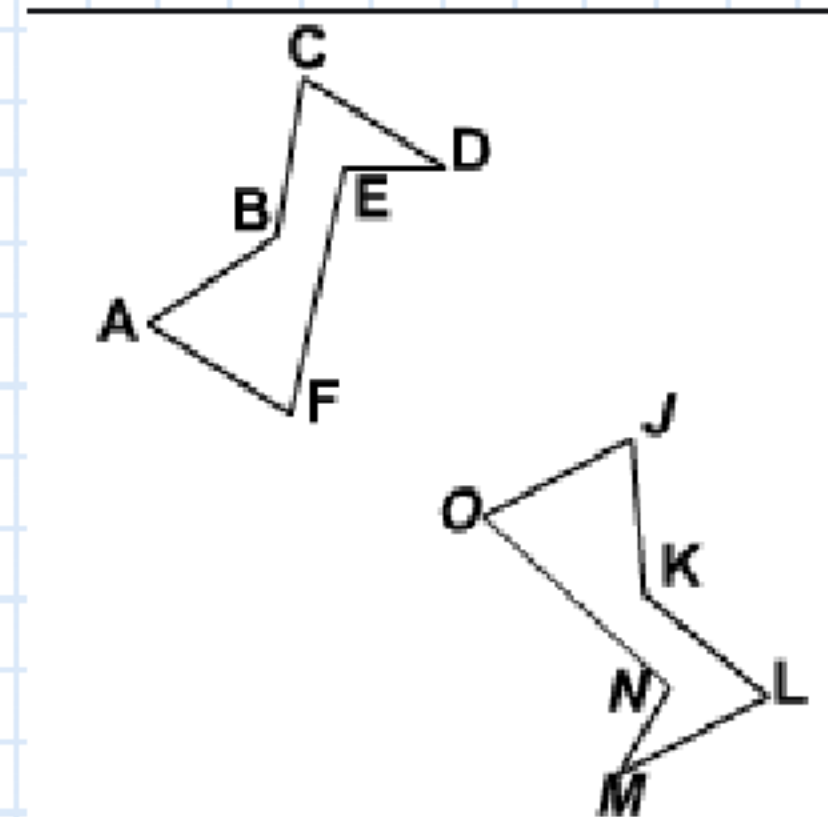
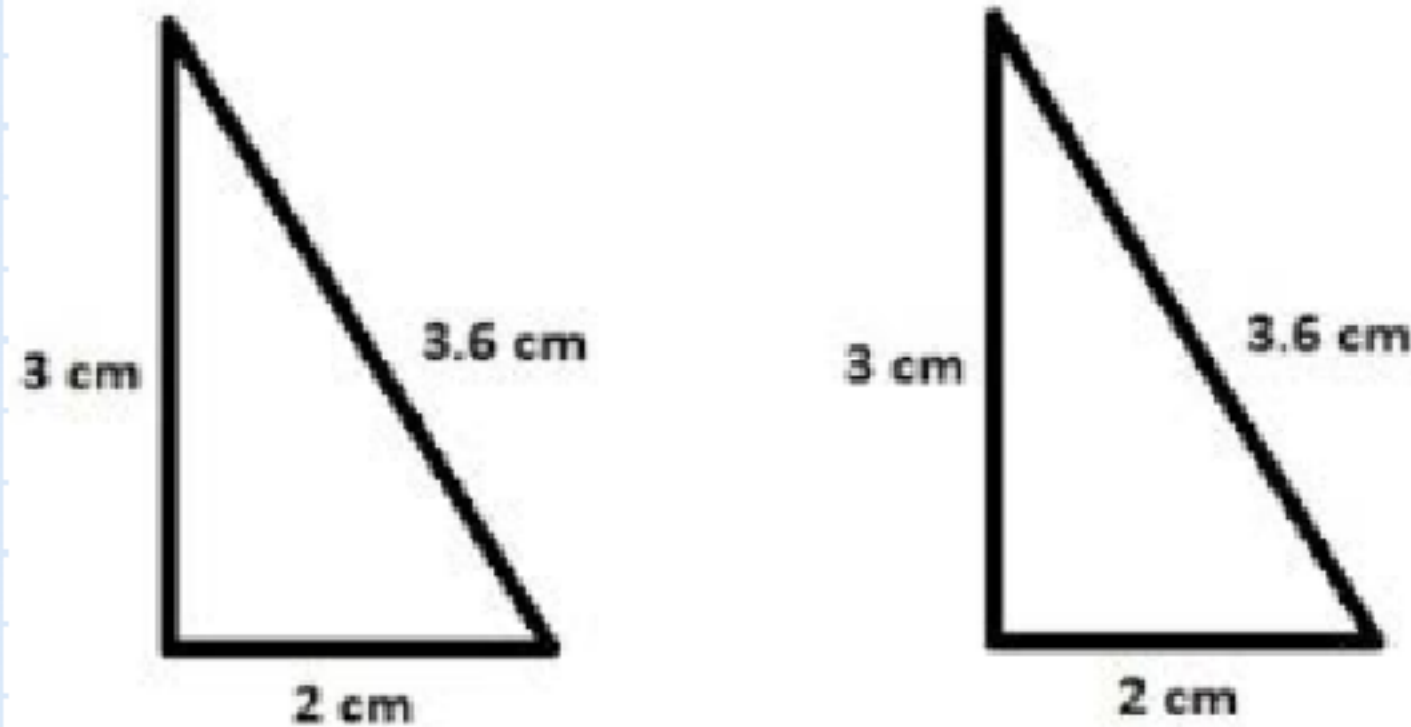


FIGURAS CONGRUENTES

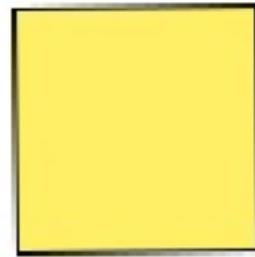
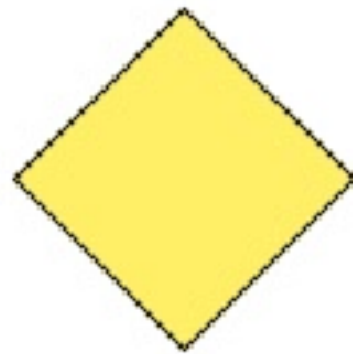
Cuando hablamos de congruencia, nos referimos a figuras que son exactamente iguales.

Misma forma
Mismo tamaño
Medidas iguales
Ángulos iguales

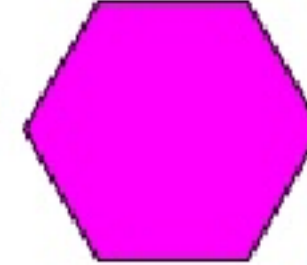
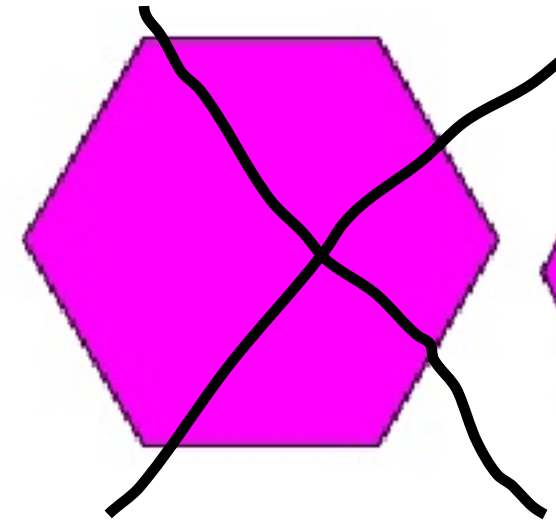


¿En cuál de los siguientes ejemplos
NO existe congruencia?

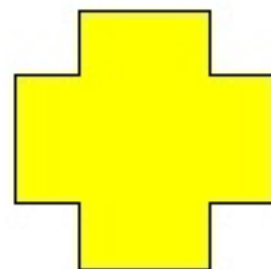
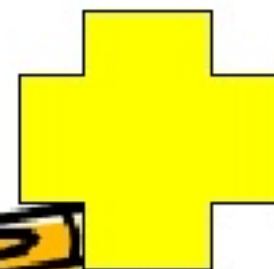
A



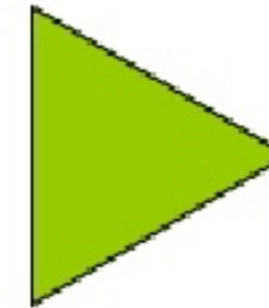
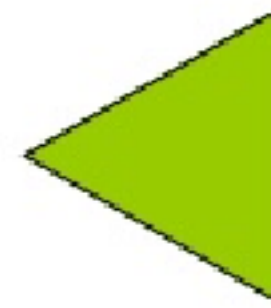
B



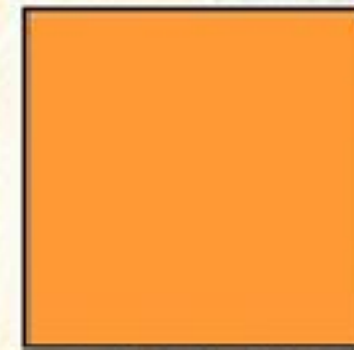
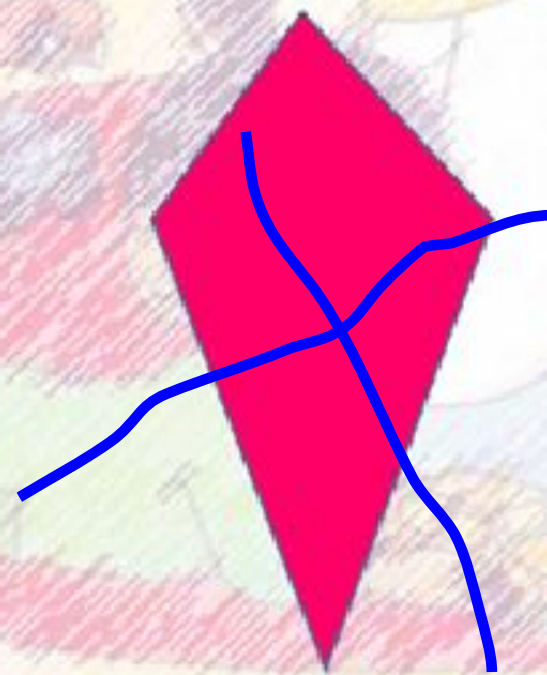
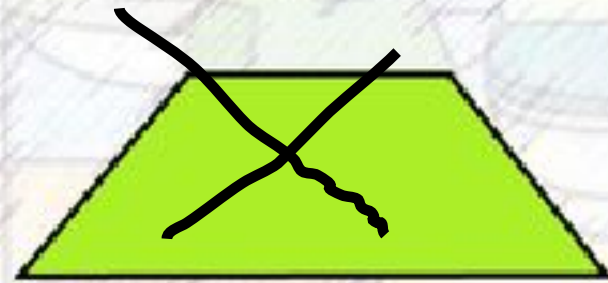
C



D

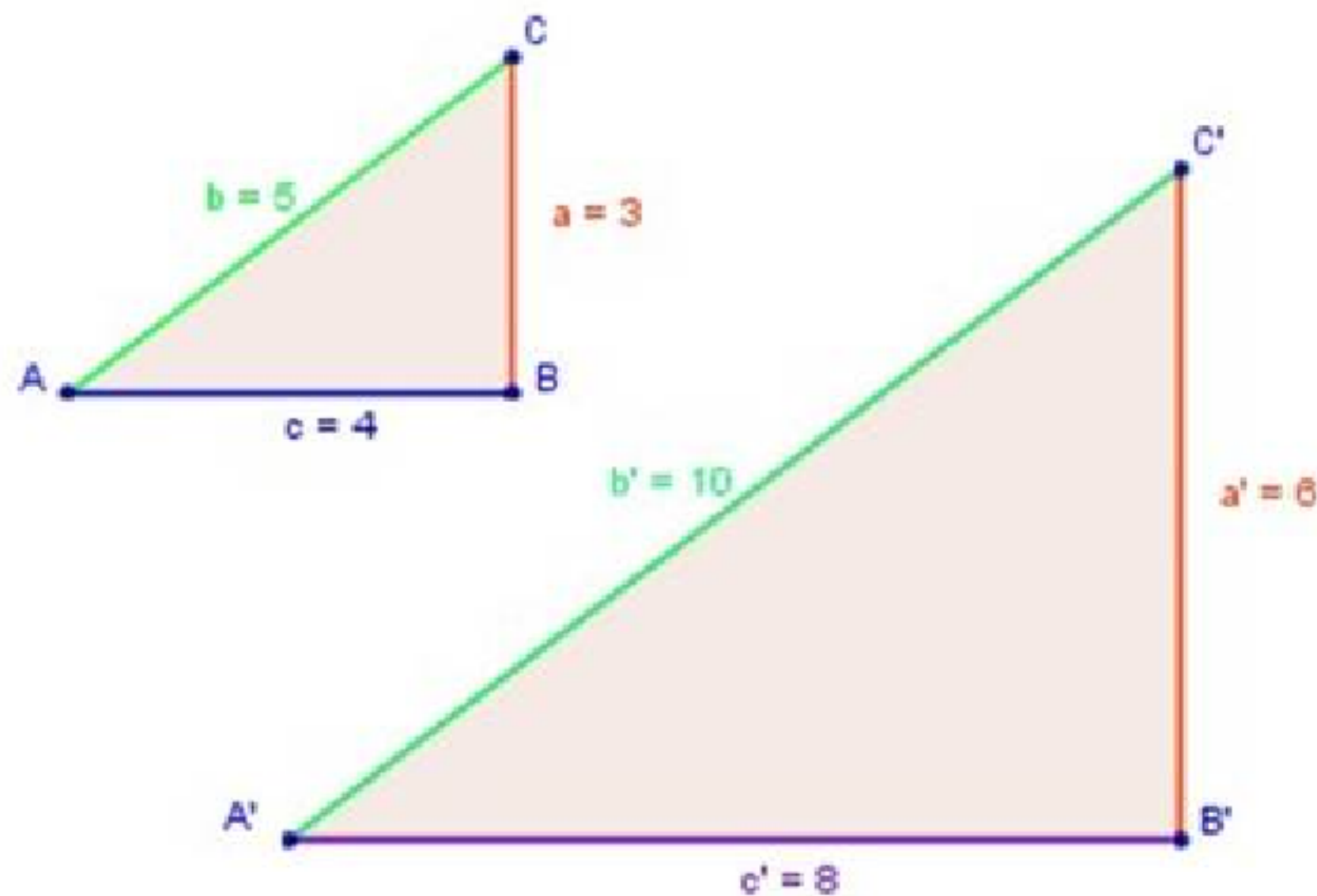


¿Cuáles son congruentes?



FIGURAS SEMEJANTES

Dos polígonos son semejantes si sus lados correspondientes son proporcionales y sus ángulos tienen la misma medida, es decir, tienen la misma forma pero diferente tamaño. El símbolo para representar semejanza es: $\sim$.



Razón de semejanza

$$\frac{5}{10} = 0.5$$

$$\frac{3}{6} = 0.5$$

$$\frac{4}{8} = 0.5$$

$$\frac{10}{5} = 2$$

$$\frac{6}{3} = 2$$

$$\frac{8}{4} = 2$$

Ejemplos:

