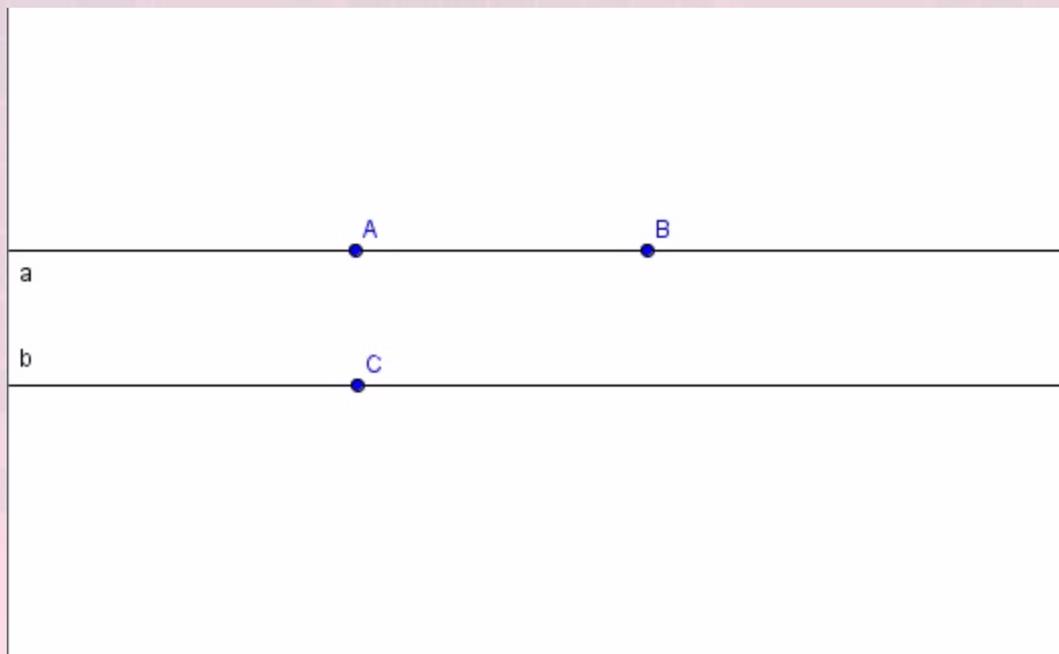
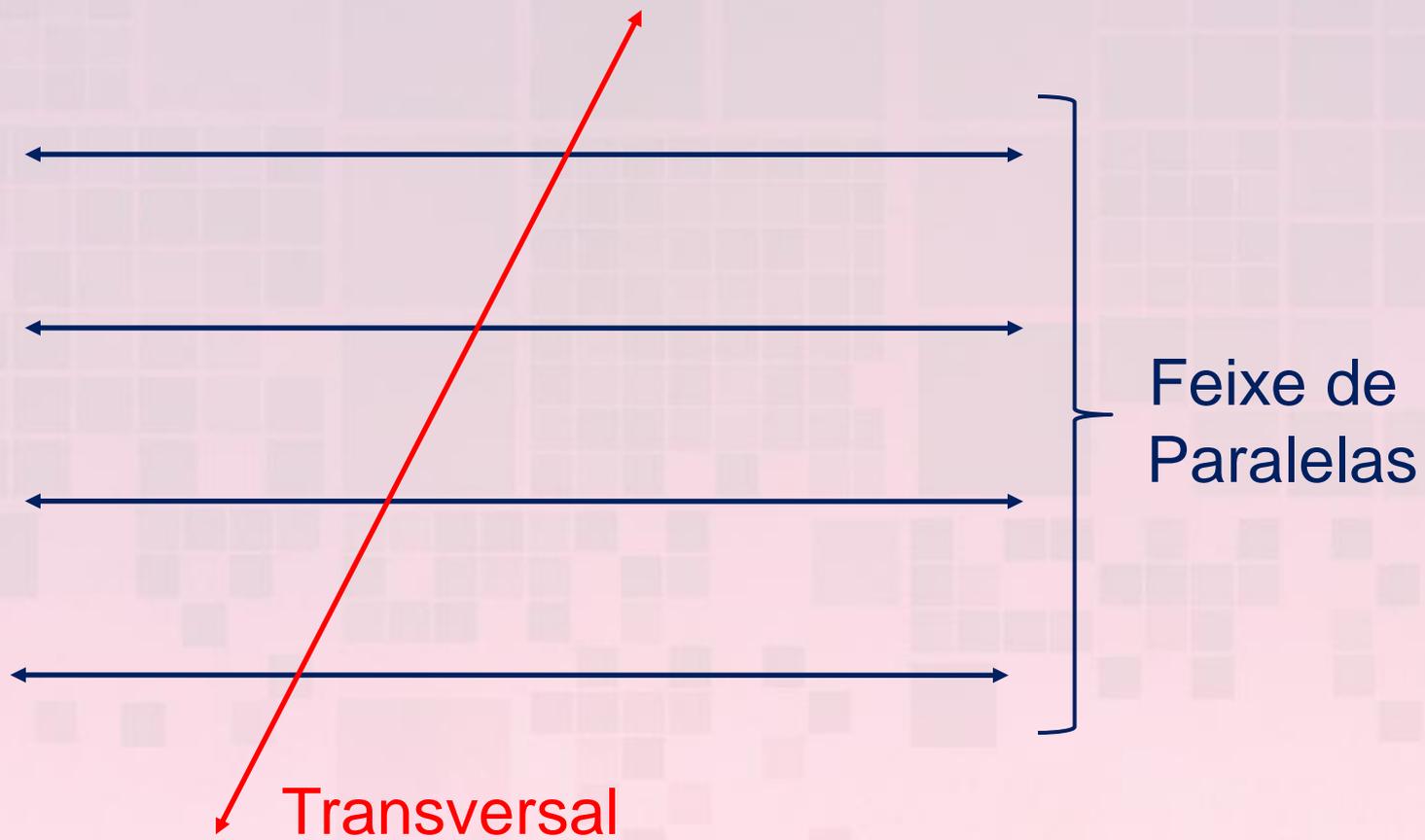


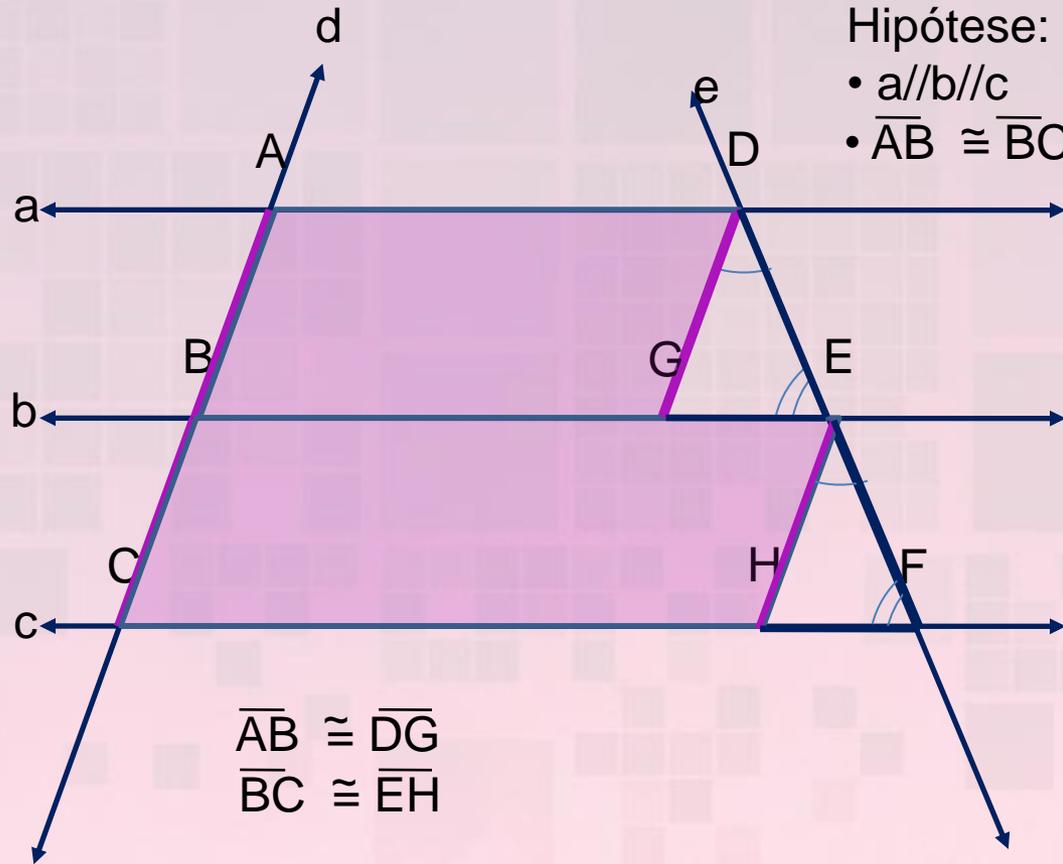
The image features a complex abstract composition. A dark purple background is overlaid with a light purple grid. Several thick, diagonal bands of color—yellow, orange, red, and purple—cross the frame. The word "MATEMÁTICA" is written in white, bold, sans-serif capital letters, slanted to follow the path of one of the yellow bands. The overall aesthetic is modern and geometric.

MATEMÁTICA

Teorema de Tales





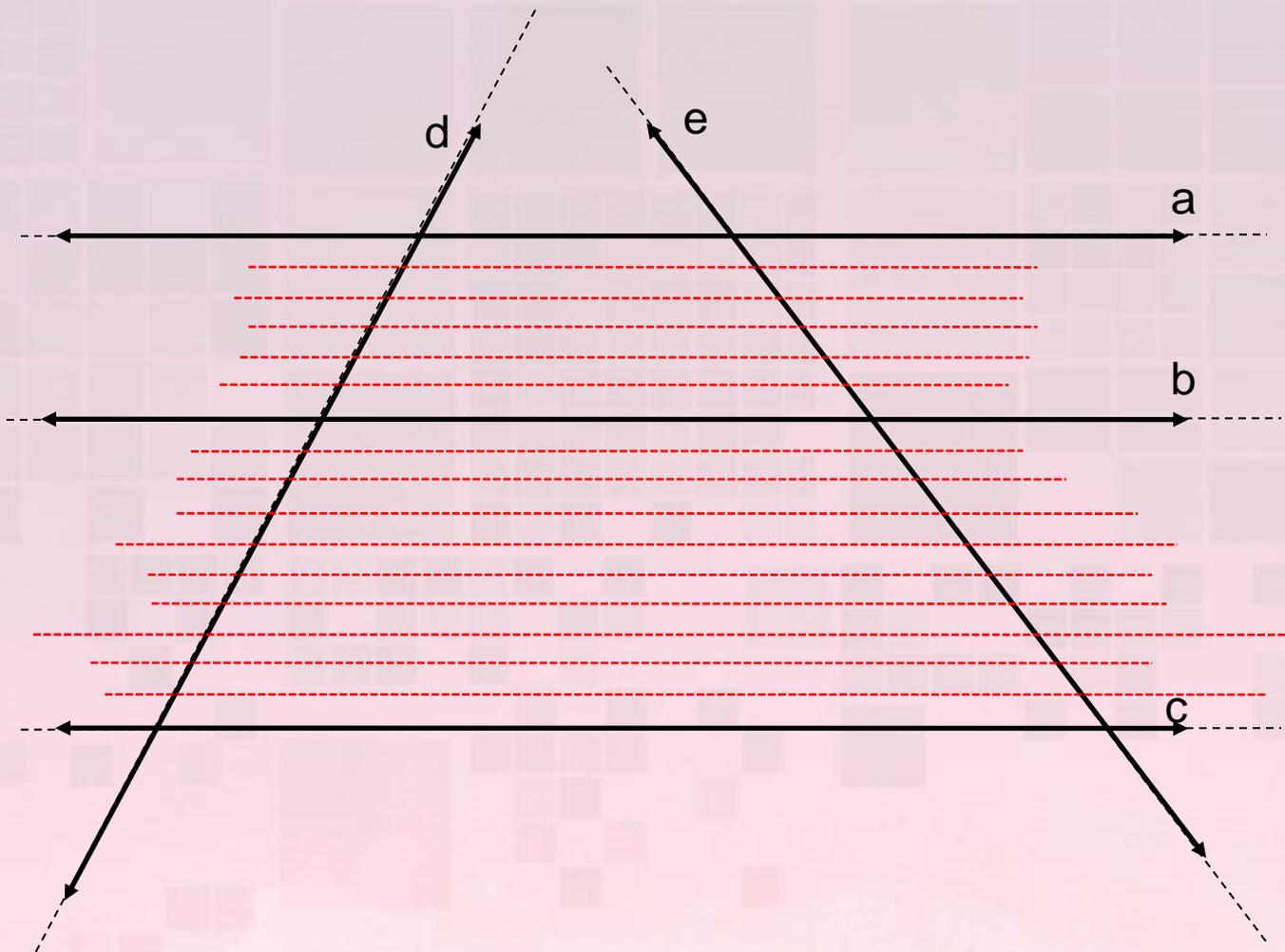


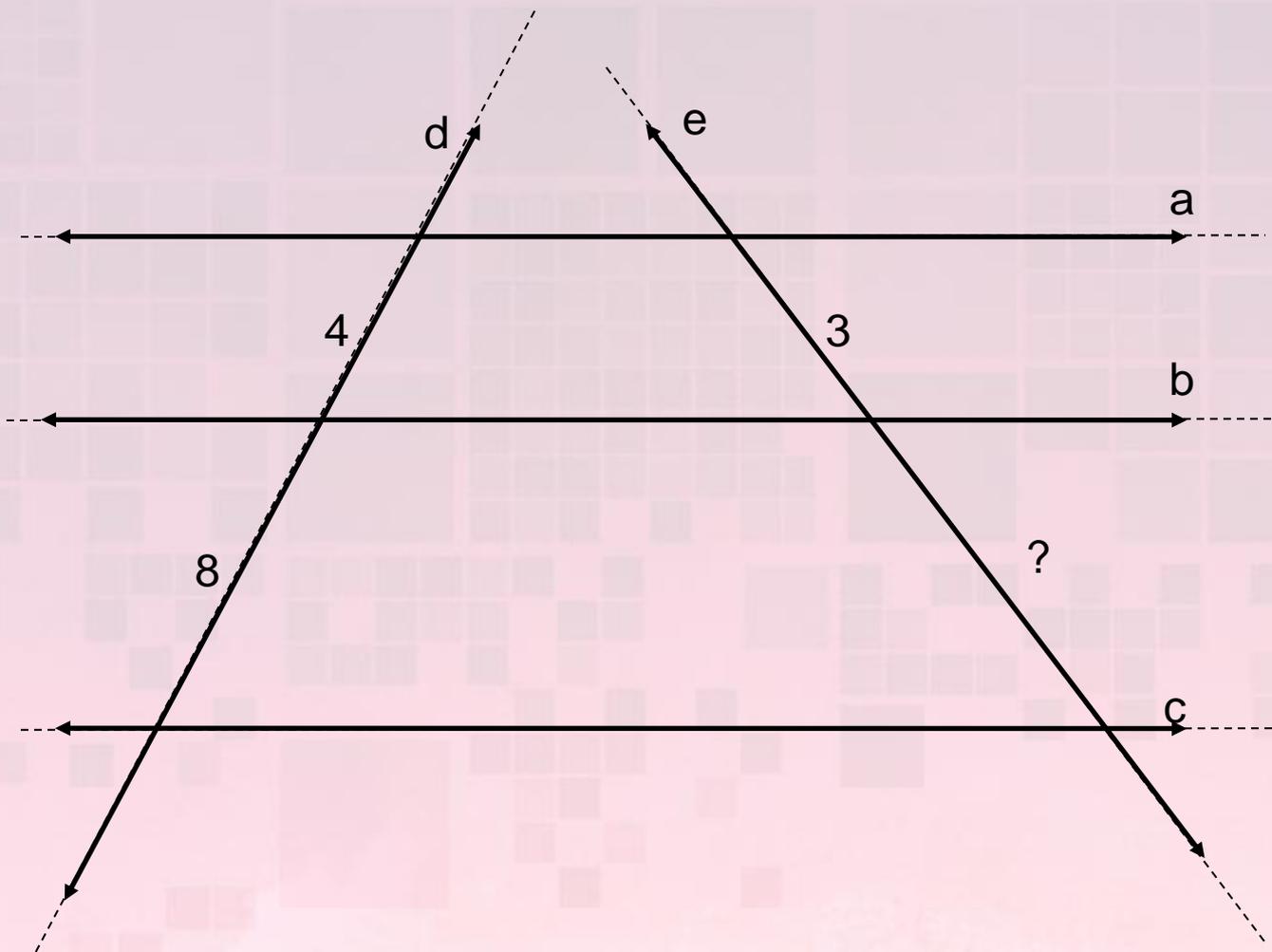
Hipótese:
 • $a // b // c$
 • $\overline{AB} \cong \overline{BC}$

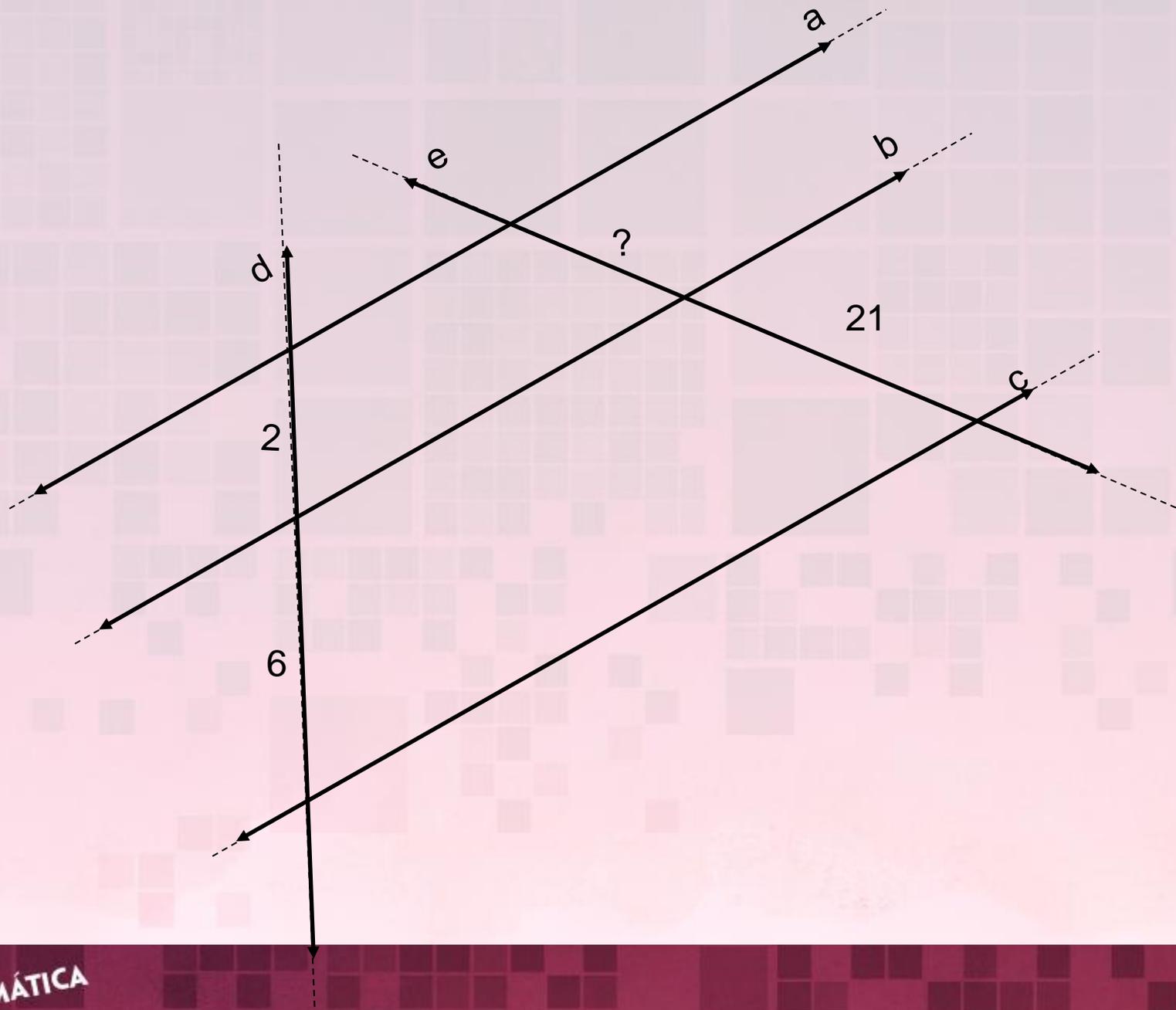
Tese
 $\overline{DE} \cong \overline{EF}$

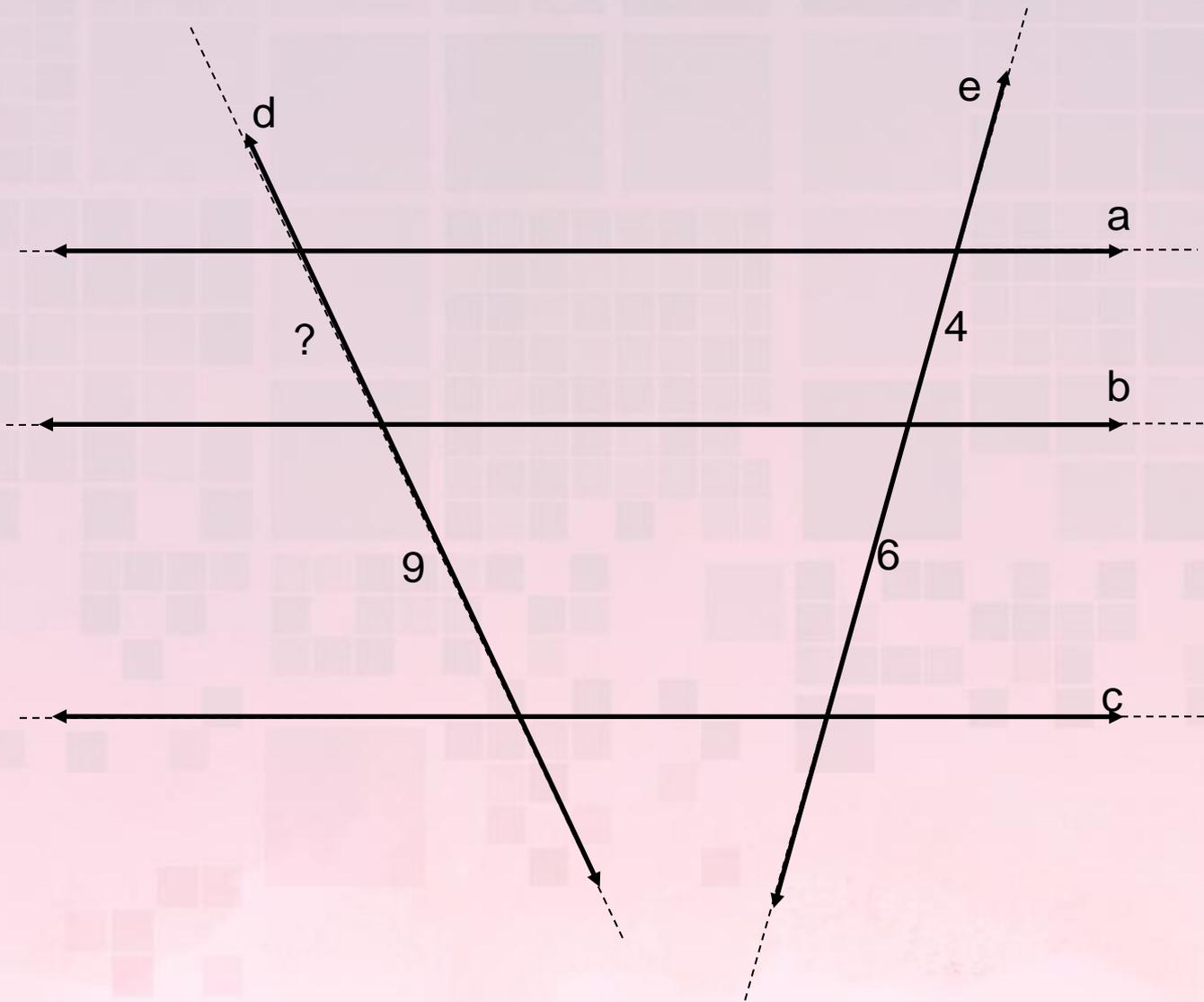
$$\overline{AB} \cong \overline{DG}$$

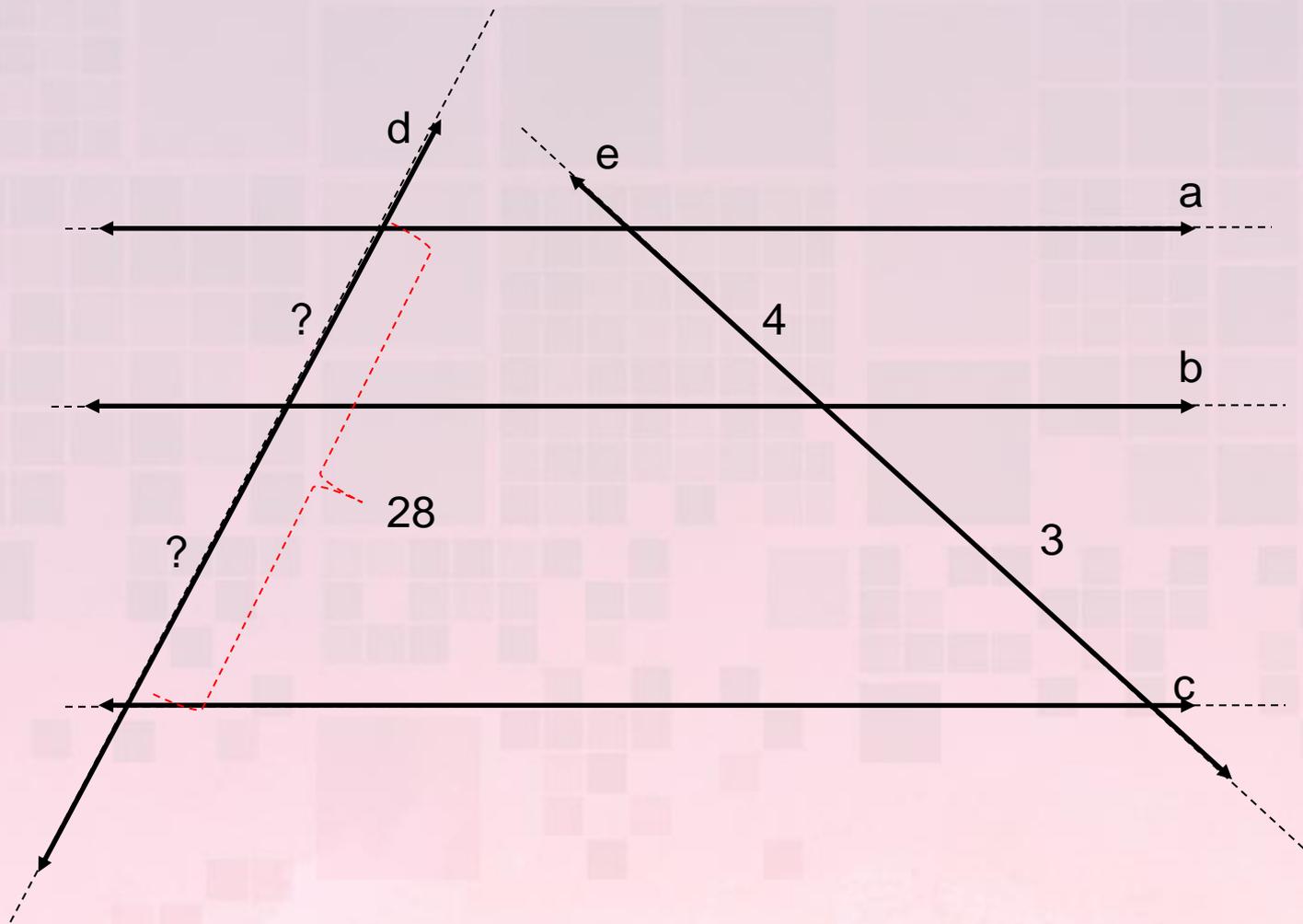
$$\overline{BC} \cong \overline{EH}$$











Consequência

Quando uma paralela a um dos lados de um triângulo intercepta os outros lados, ela determina sobre esses lados segmentos proporcionais.

