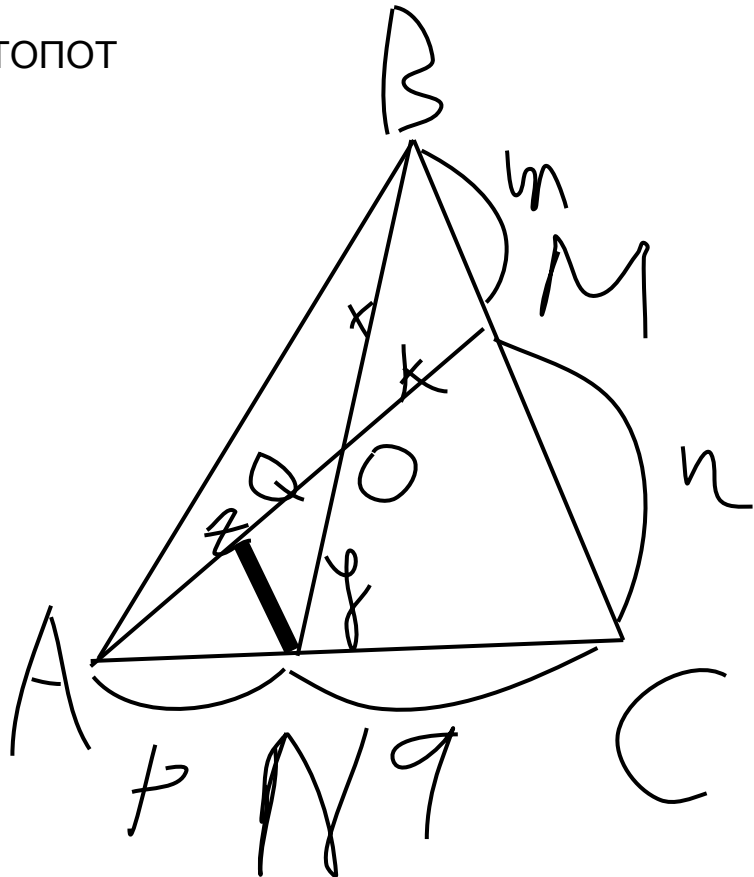


ТОПОТ



$$x/y = m(q+p)/np = m/n * (1+q/p)$$

$$z/k = p/q * (1+n/m)$$

$$m/n = (x/y) : (1+q/p)$$

$$q/p = (1+n/m) : (z/k)$$

$$m/n = (x/y) : (1 + (1+n/m) : (z/k))$$

$$m/n = x/y / (z/k + 1 + n/m) / (z/k)$$

$$m/n = x/y * (z/k) / (z/k + 1 + n/m)$$

$$(z/k + 1 + n/m) m/n = x/y * (z/k)$$

$$(z/k + 1) m/n + 1 = x/y * z/k$$

$$m/n = (x/y * z/k - 1) / (z/k + 1)$$

$$p/q = (x/y * z/k - 1) / (x/y + 1)$$

обратная ТОПОТ это найти m/n через x/y и z/k и найти p/q через x/y и z/k

$$x/y = m/n * (1+q/p)$$

$$z/k = p/q * (1+n/m)$$