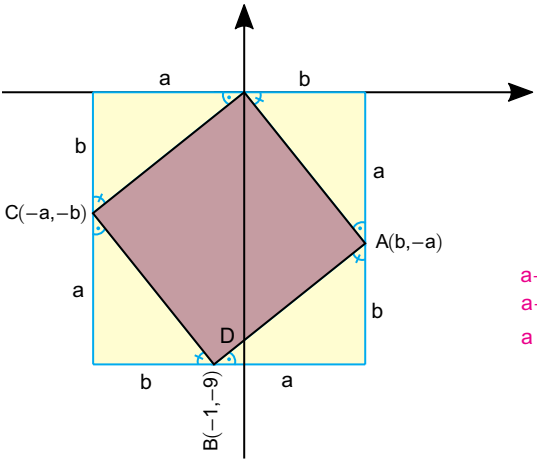
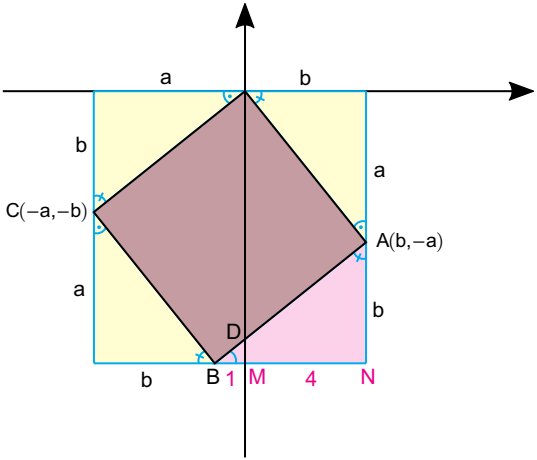


$a+b=9$

$a-b=1$

$a=5$ ve $b=4$



$$\frac{|AD|}{|BD|}=\frac{|NM|}{|BM|}=\boxed{4}$$