



	closure / totality	left Bol	right Bol	Moufang	associative	identity element	left division	right division	pseudoinverses	left inverses	right inverses	(two-sided) inverses
magma	A	-	-	-	-	-	-	-	-	-	-	-
left quasigroup	A	-	-	-	-	-	A	-	-	-	-	-
right quasigroup	A	-	-	-	-	-	-	A	-	-	-	-
quasigroup	A	-	-	-	-	-	A	A	-	-	-	-
loop	A	-	-	-	-	A	A	A	-	F	F	-
left Bol loop	A	A	-	-	-	A	A	A	?	F	F	-
right Bol loop	A	-	A	-	-	A	A	A	?	F	F	-
Moufang loop	A	F	F	A	-	F	A	A	F	F	F	F
semicategory	-	F	F	F	A	-	-	-	-	-	-	-
semigroup	A	F	F	F	A	-	-	-	-	-	-	-
regular semigroup	A	F	F	F	A	-	?	?	A	-	-	-
inverse semigroup	A	F	F	F	A	-	?	?	F	F	F	A
category	-	F	F	F	A	A	-	-	-	-	-	-
monoid	A	F	F	F	A	A	-	-	-	-	-	-
groupoid	-	F	F	F	A	A	?	?	A	F	F	F
group	A	F	F	F	A	A	F	F	A	F	F	F

