size (of a graph)

Canonical name	SizeofAGraph
Date of creation	2013-03-22 12:31:19
Last modified on	2013-03-22 12:31:19
Owner	mps (409)
Last modified by	mps (409)
Numerical id	8
Author	mps (409)
Entry type	Definition
Classification	msc 05C99
Synonym	size
Related topic	Graph
Related topic	OrderOfAGraph
Related topic	MantelsTheorem

The *size* of a graph G is the number of edges in G; it is denoted by $e(G)$. $G(n, m)$ denotes an *arbitrary graph of order n and size m.*

Adapted with permission of the author from by Béla Bollobás, published by Springer-Verlag New York, Inc., 1998.