A manufacturer of summer clothing has generated the following [regression model](http://www.phoenix.aleks.com/alekscgi/x/Isl.exe/1mOrRNWyvR1qvLmIJU7q9gFcIYZvNFKQAZNS_8LvDZ6Akpjbz12az8TP2BS6jikuy_JZfHOiEaf_-K_CzzXPfRA-AEOPG_G-xeX-rJxG9Fuq4O26Pzr8?1jwsMbNSU66k5IMblhQSc25_J9O-mNU2Ns8sngyvdWMN_DJTW1syIYneInRMUdxm2iJXuE1oQbu2KVTsLTYgWjU-7eWFGvdw4xgfiR127bn9f7W2tjp9mqDh) for forecasting the number of pairs of walking shorts (in hundreds of thousands) that will be sold during the next few quarters:

t=4.4+0.13t-0.44Q1+0.88Q2+1.32Q3

where Q1, Q2 , Q3 and are [indicator variables](http://www.phoenix.aleks.com/alekscgi/x/Isl.exe/1abkGIiiOIOdONTj1YCcIspEBDWljLmMmt80ieUlvqN8HUqk_HSf_eXOnh_BVpPvS6QIsFbTRy3G8rLz_ZKOsIGUm9bOT64UAuKU2kRCIL1dXiSB0Zay?1GEqgb3zFcfu6_JUXhKzkCRp9hxXFPsiyswqVbavGnKm0w41IpJgB1ples80cXyIcFvTxuBwrR2UzagYIxG1UafONokktcrMU6Iusog-bek3NogLwzkYsPq) of the form

Q1=

This model is developed using a data set that starts in Quarter 2 of 2002 (i.e., the first time period t=1 is associated with Quarter 2 of 2002). Use this model to forecast the number of pairs of walking shorts (in hundreds of thousands) that will be sold in Quarter 4 of 2008.