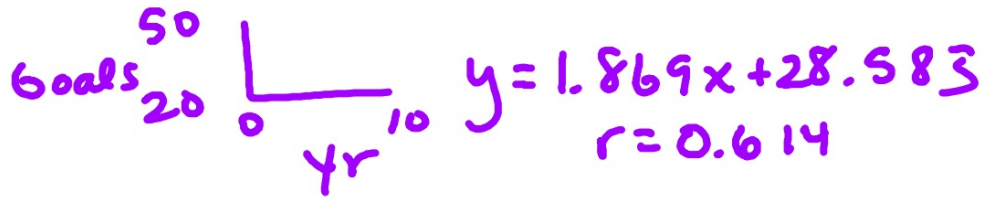


Algebra 1 4.6

Write equations of best-fit lines using linear regression
(technology)

" best-fit line " *by hand*
" linear regression equation " *gr. calc*
median fit line :(*gr. calc*
correlation coefficient (r) *gr. calc*

Group



GuidedPractice

Write an equation of the best-fit line for the data in each table. Name the correlation coefficient. Round to the nearest ten-thousandth. Let x be the number of years since 2003.

1A. HOCKEY The table shows the number of goals of leading scorers for the Mustang Girls Hockey Team.

L₁
L₂

Year	2003	2004	2005	2006	2007	2008	2009	2010
Goals	30	23	41	35	31	43	33	45

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