

Lines of Best Fit

The table shows the number of calories burned by walking around a track.

Laps	1	2	3	4	5	6	7
Burned	35	75	85	130	150	175	220

1. Construct a scatter plot, then draw a line of best fit.
2. Write an equation in Slope Intercept form.
3. What is the meaning of the slope and y-intercept?

