$\qquad$
http://shodor.org/interactivate/activities/DataFlyer/



## Show Squares

 Data:| 1 | 0 |
| :--- | :--- |
| 2 | 0.482 |
| 3 | 1.9 |
| 4 | 4.213 |
| 5 | 7.379 |
| 6 | 11.356 |
| 7 | 16.103 |
| 8 | 21.578 |

[^0]Use this set of 4 pairs of ( $x, y$ ) values using Data Flyer:
$13(1,3)$
$3 \quad 2 \quad(3,2)$
$4 \quad 8 \quad(4,8)$
$6 \quad 7 \quad(6,7)$
Using the Data Flyer application, find the best fitting LINEAR EQUATION for the 4 pairs of ( $x$, $y$ ) values. $f(x)=m x+b \quad$ or $y=m * x+b \quad$ or $y=m x+b$ You are finding values for the SLOPE $m$ and the INTERCEPT $b$ for the equation.
7. What is the sum of the squares of the deviations for your function?
8. What is the SLOPE?
9. What is the INTERCEPT you found?


[^0]:    Show Vertical Asymptotes

    Show Tabular Data
    C No Grid

    - Light Grid Lines
    $\subset$ Dark Grid Lines
    Set Window..

