CASTNER PROJECT
(CORRELATION)

Driving Question:
Can having a National Monument in your city affect the cost of living?

Objective:
1. Create a linear correlation for Las Cruces and El Paso that compares home prices vs. distance to national monument.

2. Graph the correlation using technology and obtain equation

3. Explain your findings

LAS CRUCES

DISTANCE (X)	HOME PRICE (Y)

EL PASO

DISTANCE (X)	HOME PRICE (Y)

EQUATION: _____

EQUATION: _____

EXPLANATION OF FINDINGS:_____
_____
_____
_____
_____
_____

CASTNER PROJECT
(CORRELATION)

Resources:

HOME PRICES:
-GO TO ZILLOW.COM OR TRULIA.COM
-CHOOSE 10 HOUSES IN EACH CITY
(MAKE SURE TO WRITE DOWN ADDRESSES)

DISTANCE TO NATIONAL MONUMENT:
-USE GOOGLE MAPS TO CALCULATE THE DISTANCE IN METERS
-https://www.daftlogic.com/projects-google-maps-distance-calculator.htm
- LAS CRUCES = ORGAN MOUNTAINS. & EL PASO = CASTNER RANGE

REGRESSIONS:
-CALCULATOR CAN RUN REGRESSION AND GET LINEAR EQUATION
(y=mx+b)

-DESMOS.COM WILL LET YOU GRAPH POINTS FOR REGRESSION
(GRAPH)

REPORT EXAMPLE

NAME:_____
DATE:_____
PER:_____

CASTNER RANGE CORRELATION

LAS CRUCES		EL PASO	
DISTANCE (X)	HOME PRICE (Y)	DISTANCE (X)	HOME PRICE (Y)

EQUATION: _____   EQUATION: _____

EXPLANATION OF
FINDINGS:_____
_____
_____
_____
_____

TURN IN FINAL REPORT THAT FEATURES THE FOLLOWING FOUR ITEMS:

1. GRAPHS
2. TABLES
3. EQUATIONS
4. EXPLANATION OF FINDINGS

DUE FRIDAY BY 4PM!