

# Spaghetti Palace

How to's

## Create a scatter graph.

**2ND** **STAT PLOT** (1:Plot1...Off) **ENTER**

```
STAT PLOTS
1:Plot1...Off
  L1 L2
2:Plot2...Off
  L1 L2
3:Plot3...Off
  L1 L2
4↓PlotsOff
```

Highlight [ON] **ENTER** ▼

Highlight [scatter graph] **ENTER** ▼

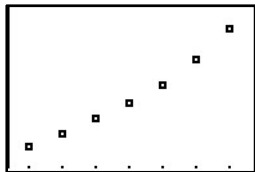
put in Xlist **ENTER** ▼

put in Ylist **ENTER** ▼

choose mark **ENTER**

```
Plot1 Plot2 Plot3
Off Off
Type: [ ] [ ] [ ]
Xlist:L1
Ylist:L2
Mark: [ ] + .
```

**GRAPH**



## Create a linear regression graph.

**STAT** **▶** (CALC) **4** (LinReg(ax+b)) **2ND** **1** (L1) **,** **2ND** **2** (L2) **,**  
**VAR** **▶** (Y-VARS) **ENTER** (1:Function) **ENTER** (1:Y<sub>1</sub>) **ENTER** **ENTER**

<b>200</b> CALC TESTS <b>1</b> Edit... <b>2</b> SortA( <b>3</b> SortD( <b>4</b> ClrList <b>5</b> SetUpEditor	<b>EDIT</b> <b>200</b> TESTS <b>1</b> :1-Var Stats <b>2</b> :2-Var Stats <b>3</b> :Med-Med <b>4</b> :LinReg(ax+b) <b>5</b> :QuadReg <b>6</b> :CubicReg <b>7</b> :QuartReg	LinReg(ax+b) L1, L2,Y1	LinReg y=ax+b a=135.3571429 b=-924.7142857 r <sup>2</sup> =.9719700513 r=.9858854149
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**GRAPH**

## Create quadratic regression graph.

**STAT** **▶** (CALC) **5** (QuadReg) **2ND** **1** (L1) **,** **2ND** **2** (L2) **,** **VAR**  
**▶** (Y-VARS) (1:Function) **ENTER** **▶** (2:Y<sub>2</sub>) **ENTER** **ENTER**

<b>200</b> CALC TESTS <b>1</b> Edit... <b>2</b> SortA( <b>3</b> SortD( <b>4</b> ClrList <b>5</b> SetUpEditor	<b>EDIT</b> <b>200</b> TESTS <b>1</b> :1-Var Stats <b>2</b> :2-Var Stats <b>3</b> :Med-Med <b>4</b> :LinReg(ax+b) <b>5</b> :QuadReg <b>6</b> :CubicReg <b>7</b> :QuartReg	QuadReg L1,L2,Y2	QuadReg y=ax <sup>2</sup> +bx+c a=12.83333333 b=-172.6428571 c=871.952381 R <sup>2</sup> =.9981814822
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**GRAPH**

## Graph didn't work?

Did you remember to ZoomStat?

**ZOOM** **▼** (9:ZoomStat) **ENTER**

<b>200</b> MEMORY <b>4</b> :ZDecimal <b>5</b> :ZSquare <b>6</b> :ZStandard <b>7</b> :ZTrig <b>8</b> :ZInteger <b>9</b> :ZoomStat <b>0</b> :ZoomFit
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