



What type of correlation is shown in the above scatter plot?

Draw a line of best fit.

Write the equation for the line of best fit you have drawn.

Use linear regression in desmos to find a precise equation for a line of best fit.

Estimate the mass of a man with a shoe size of 9.5.

Matching

Match each of the following simplified expressions on the left with it’s matching factored expression on the right.

**11.\_\_\_\_\_\_**

**12.\_\_\_\_\_\_**

**13.\_\_\_\_\_\_**

**14.\_\_\_\_\_\_**

**15.\_\_\_\_\_\_**

|  |  |
| --- | --- |
| **11.** | **a.** |
| **12**. | **b.** |
| **13**. | **c.** |
| **14.** | **d.** |
| **15**. | **e.** |

Given each function, evaluate for the value of x.

f(x) = 3x2 + 2x – 8 g(x) = -2x2 – 6x + 1

f(4)= g(-3) =

Determine whether each recursive function is linear, exponential, or