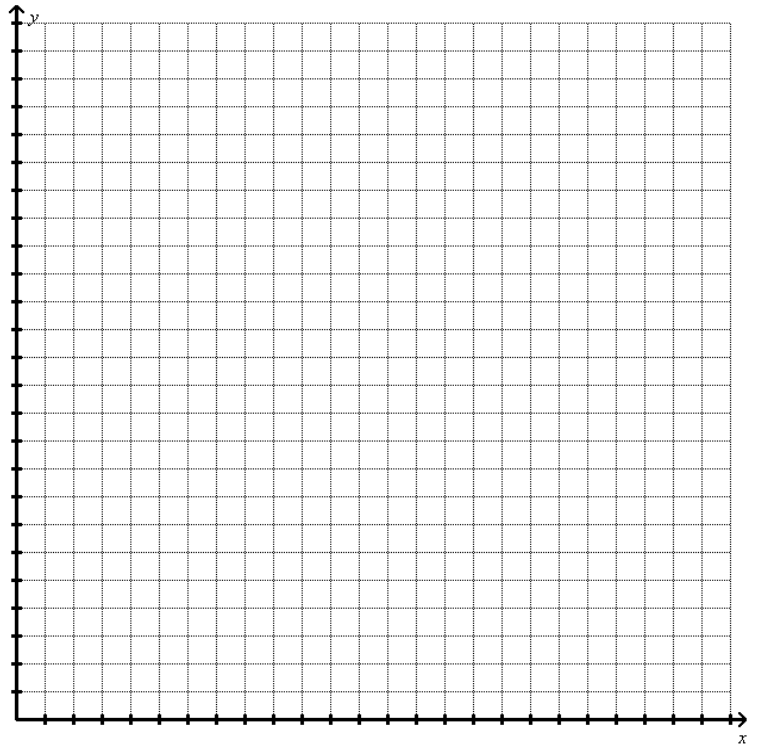


More Practice – Scatter Plots

The table below represents the relationship between the number of minutes a player played in a basketball game and the number of points that they scored.

1. Make a scatter plot and label each axis.
2. Label the scale on the x-axis going by two and the y-axis going by one.
3. Draw the line of best fit. Have about the same number of points above and below it.
4. Create an equation for your line of best fit. Show your work for full credit.

X Time	Y # of points
37	22
0	0
10	4
6	2
32	10
15	4
34	15
20	4
4	1
33	8
30	9
16	3



Slope:

y-intercept:

Equation:

1. Distinguish the meaning of the slope in this context.
2. Distinguish the meaning of the y-intercept in this context.
3. Use your equation of your line of best fit to predict how many points a player would make if they had 60 minutes of playing time? Show your work for full credit!
4. Use your equation of your line of best fit to predict the minutes a player would have played if they had 25 points? Show your work for full credit!