Quiz Unit 4, day 5

1. To create a scatter plot, which statement is not a consideration?
2. The scale should be set for the x and y axes.
3. The independent and dependent variables should be identified
4. The correlation should be chosen
5. The largest and smallest numbers of both variables help set the scale.
6. The line of best fit:
7. Can be drawn from the first and last points
8. Is just a line and cannot be used for predictions
9. Has slope and is good for predictions
10. Should be drawn quickly and is not that important.
11. The scientific method
12. Is just for science and has nothing to do with math
13. Has three steps only
14. Is always the same, no matter where you see it
15. Includes some type of hypotheses and conclusion.
16. The part of the scientific method where a guess of a correct answer is made, which must then be tested is called the
17. Hypothesis
18. Conclusion
19. Investigation
20. Trial
21. In using the scientific method
22. The dependent variable is the one chosen
23. The conclusion is arrived at by logic only
24. The investigation type is always the same
25. The independent variable is the variable chosen.
26. Make a quick sketch of a negative, weak correlation
27. Make a scatter plot of the following data:

Length of fish weight of fish

12” 2 lbs

9” .5 lbs

14” 1.5 lbs

10” 1.8 lbs

24” 6 lbs

Find line of best fit.