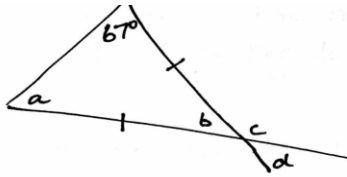
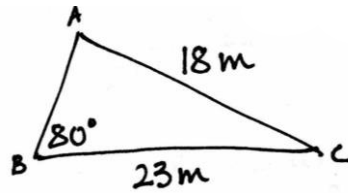


FOM 11 – Flashback #2

1. Determine the measure for each of the indicated angles and provide a reason for each.



2. Solve the following triangle.



3. Which standard deviation is **more consistent**? $\sigma_1 = 8.6$ or $\sigma_2 = 14.3$? Explain how you know.

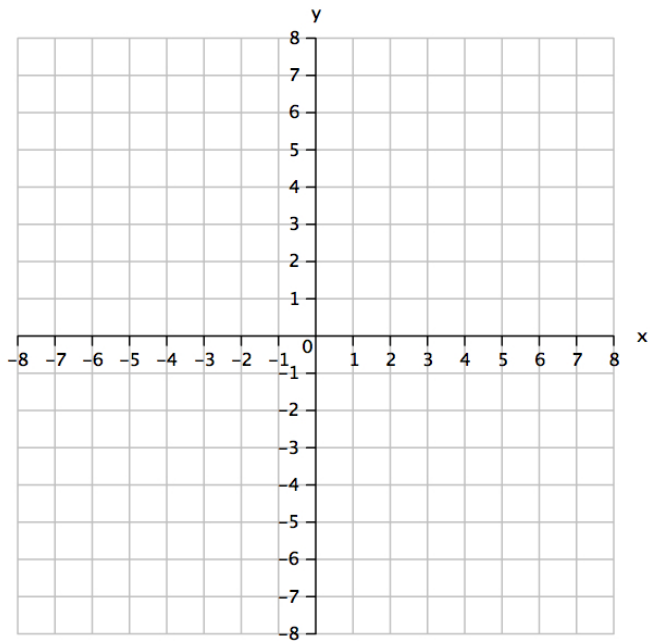
4. Draw a normal curve and label given that $\bar{x} = 42$ and $\sigma = 5$. What percent of the data is between 37 and 52?

5. Graph the system

$$x + y < 12$$

$$2x - 1 > y$$

$$2y > -8$$



Determine two different solutions from the graph. Verify algebraically.

6. Just by looking, tell me what you know about the graph of the following quadratic functions.

$$y = 4x^2 + 3x - 5$$

$$y = -3(x - 4)(x + 1)$$

$$y = -(x + 6)^2 + 5$$