2-85. No, it would take 10 months for Sarita to catch up to Berti.

2-86. The unshaded triangle is half the area of the rectangle $(0.5(8)(17) = 68$ sq. in.), so the shaded area is the other half.

2-87. See below.

   a. Because when you are not standing up straight, you have changed your height, and you will not get a true measure of your height.

   b. Diagram (1) is correct.

   c. No, you measure from the very bottom to the very top.

2-88. See below.

   a. If it rains, then Mr. Spelling is unhappy.

   b. If you add two even numbers together, then the result is even.

   c. If it is Tuesday, then Marla has a piano lesson.

2-89. See below.

   a. $8x + 13$

   b. $2x + 3$

   c. $3x^2 - 5x - 12$

   d. $13x^2 + 30x$