Please read pages 578-584. Memorize the definitions of the bold vocabulary words first, because it will help you understand the rest of the text.

(1) In the standard illustration of DNA, a double helix is shown, with multicolored lines indicating connections of base pairs (Adenine, Thymine, Guanine, and Cytosine). Imagine building a model of this illustration, exactly as shown. Are the lines illustrating the base pairs...

(a) parallel?

(b) skew?

(c) coplanar?

(d) concurrent?

(2) Draw a triangle with three acute angles, or say “impossible.”

(3) Draw a triangle with three obtuse angles, or say “impossible.”

(4) The Yoga practitioner in this picture is standing in “triangle pose.” The triangle refers to the empty space between her arm, her leg, and her side. Use a protractor to measure the angles below.

(a) The angle formed at her left armpit (the lower one in the picture.)

(b) The angle formed at her left hip.

(c) The angle formed by her left wrist and left shin.

(d) Add the three. What did you get?

(e) What do you think you were supposed to get?