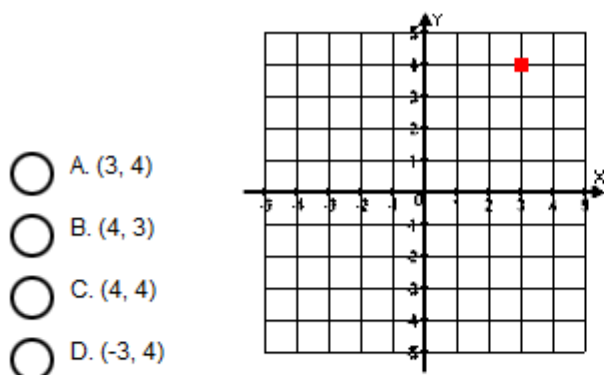
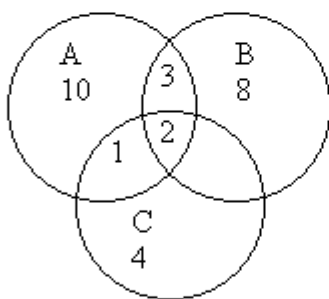




41. What are the coordinates of the point graphed below?



42. Some of the characteristics of the boys wrestling team are shown in the diagram?



A = the set of 15 year olds on the wrestling team

B = the set of boys on the wrestling team with black hair

C = the set of boys on the wrestling team with blue eyes

Based on the diagram, which is a valid conclusion?

- A. There are 46 boys on the wrestling team.
- B. There are 2 blue-eyed black haired boys on the wrestling team.
- C. There are 11 boys with black hair on the team.
- D. There are only 3 blue-eyed, 15 year olds on the team.

43. Danielle drew a circle using a compass whose width was set at 3 inches. What is the approximate area of the circle?

- A. 6 inches
- B. 9 inches
- C. 27 inches
- D. 54 inches

44. If the area of a circle is  $64\pi$ , then the circumference of the circle is \_\_\_\_\_.

- A.  $8\pi$
- B.  $16\pi$
- C.  $32\pi$
- D.  $64\pi$

45. Which of the following can be the measures of the sides of a scalene triangle?

- A. 8 inches, 8 inches, 8 inches
- B. 3 inches, 3 inches, 9 inches
- C. 10 inches, 10 inches, 12 inches
- D. 3 inches, 4 inches, 5 inches

**Answer Key for problems 41-45**

<b>41</b>	<b>A</b>
<b>42</b>	<b>B</b>
<b>43</b>	<b>C</b>
<b>44</b>	<b>B</b>
<b>45</b>	<b>D</b>