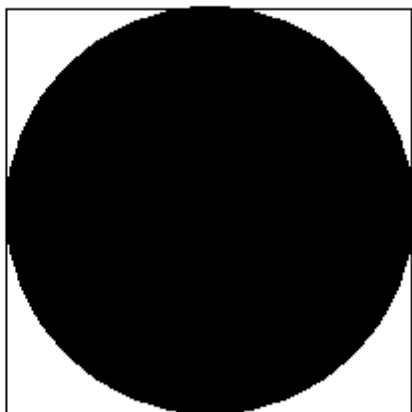


## Graphing –Math- Questions

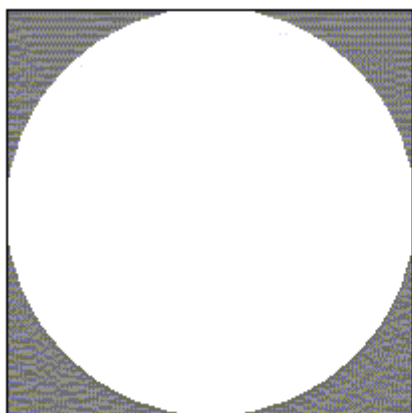
1. In the following figure, what is the area of the shaded circle inside of the square?



4

- A. 512
- B. 256
- C. 16
- D. 50.24
- E. 12.57

2. In the figure below, determine the area of the shaded region of the figure.

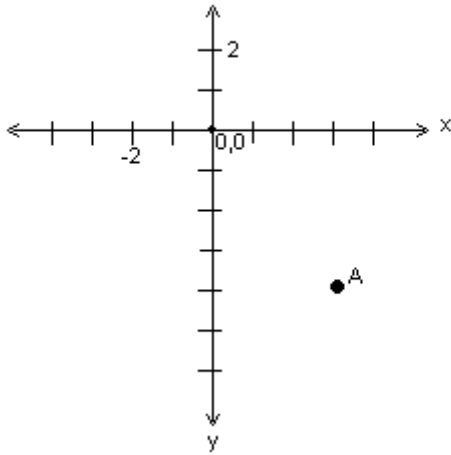


7

- A. 9.354
- B. 10.52

- C. 16.437
- D. 49
- E. 104.86

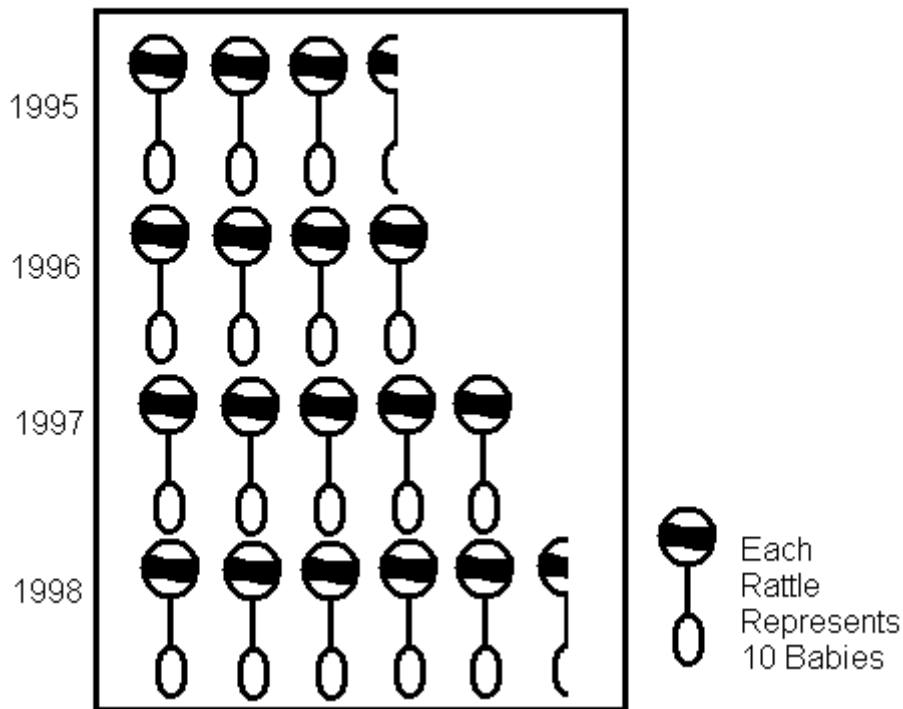
3. What are the coordinates of point A on the following graph?



- A. (-3, -4)
- B. (-4, 3)
- C. (3, -4)
- D. (-4, -3)
- E. (3, 4)

4. What was the average number of babies that Dr. Jones delivered each year from 1995 to 1998?

The Number of Babies Delivered By  
Dr. Jones from 1995 to 1998



- A. 35
- B. 40
- C. 45
- D. 50
- E. 55

5. How many babies did Dr. Jones deliver in 1998?

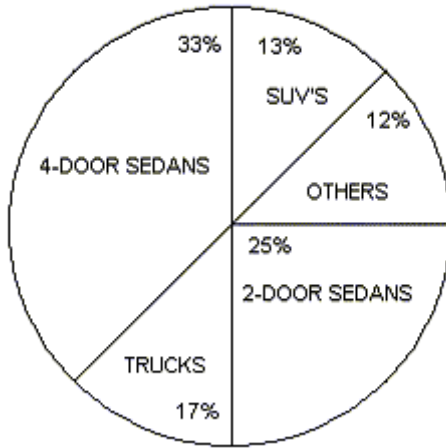
- A. 25
- B. 35
- C. 45
- D. 55
- E. 65

6. If Dr. Jones delivered 85 babies in 1999, how many rattles would represent this number?

- A. 6 ½
- B. 7
- C. 7 ½
- D. 8
- E. 8 ½

7. If XYZ Auto Company sold 23,000 vehicles in 1999, how many were SUV's?

Percentage of Vehicle Types that XYZ  
Auto Company sold in 1999



- A. 2,990
- B. 3,030
- C. 3,450
- D. 4,760
- E. 4,775

8. If 7,650 trucks were sold in 1999, how many total vehicles were sold in 1999 by XYZ Auto Company?

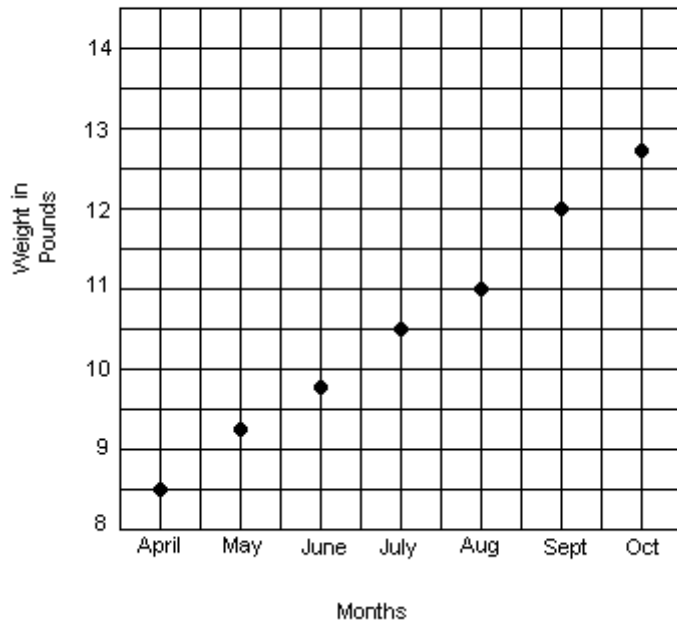
- A. 35,000
- B. 40,000
- C. 45,000
- D. 50,000
- E. 55,000

9. If 3,750 2-door sedans were sold in 1999, then how many 4-door sedans were sold in 1999 by XYZ Auto Company?

- A. 3,578
- B. 4,950
- C. 5,120
- D. 5,670
- E. 5,845

10. How much did the infant gain in the first month of life?

Infant Weight Gain in Pounds  
Over First Six Months of Life



- A. 6 ounces
- B. 12 ounces
- C. 15 ounces
- D. 8 lbs 8 ounces
- E. 9 lbs 4 ounces

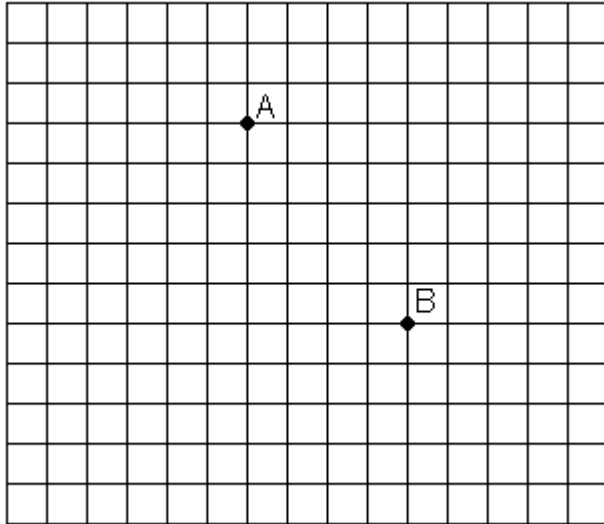
11. What was the average weight of the infant from April to October, rounded to the nearest ounce?

- A. 10 lbs
- B. 10 lbs 5 ounces
- C. 10 lbs 9 ounces
- D. 11 lbs 5 ounces
- E. 11 lbs 9 ounces

12. Between which two months did the infant gain the most weight?

- A. April and May
- B. June and July
- C. July and August
- D. August and September
- E. September and October

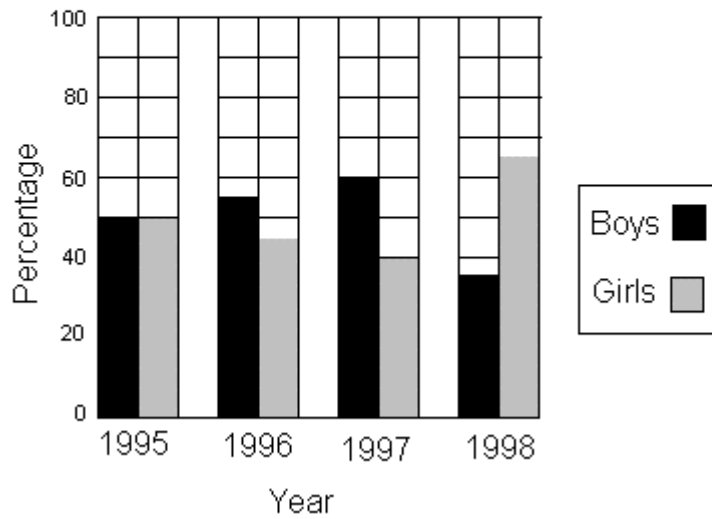
13. In the graph below, no axes or origin is shown. If point B's coordinates are (10,3), which of the following coordinates would most likely be A's?



- A. (17, -2)
- B. (10, 6)
- C. (6, 8)
- D. (-10, 3)
- E. (-2, -17)

14. How many boys attended the 1995 convention?

Percentage of Boys vs. Girls in Attendance at a National Youth Convention



Total Number in Attendance at Nation Youth Convention

Year	Number
1995	716
1996	1108
1997	1520
1998	2244

- A. 358
- B. 390
- C. 407
- D. 540
- E. 716

15. Which year did the same number of boys and girls attend the conference?

- A. 1995
- B. 1996
- C. 1997
- D. 1998
- E. None

16. Which two years did the least number of boys attend the convention?

- A. 1995 and 1996
- B. 1995 and 1998
- C. 1996 and 1997
- D. 1996 and 1992
- E. 1997 and 1998