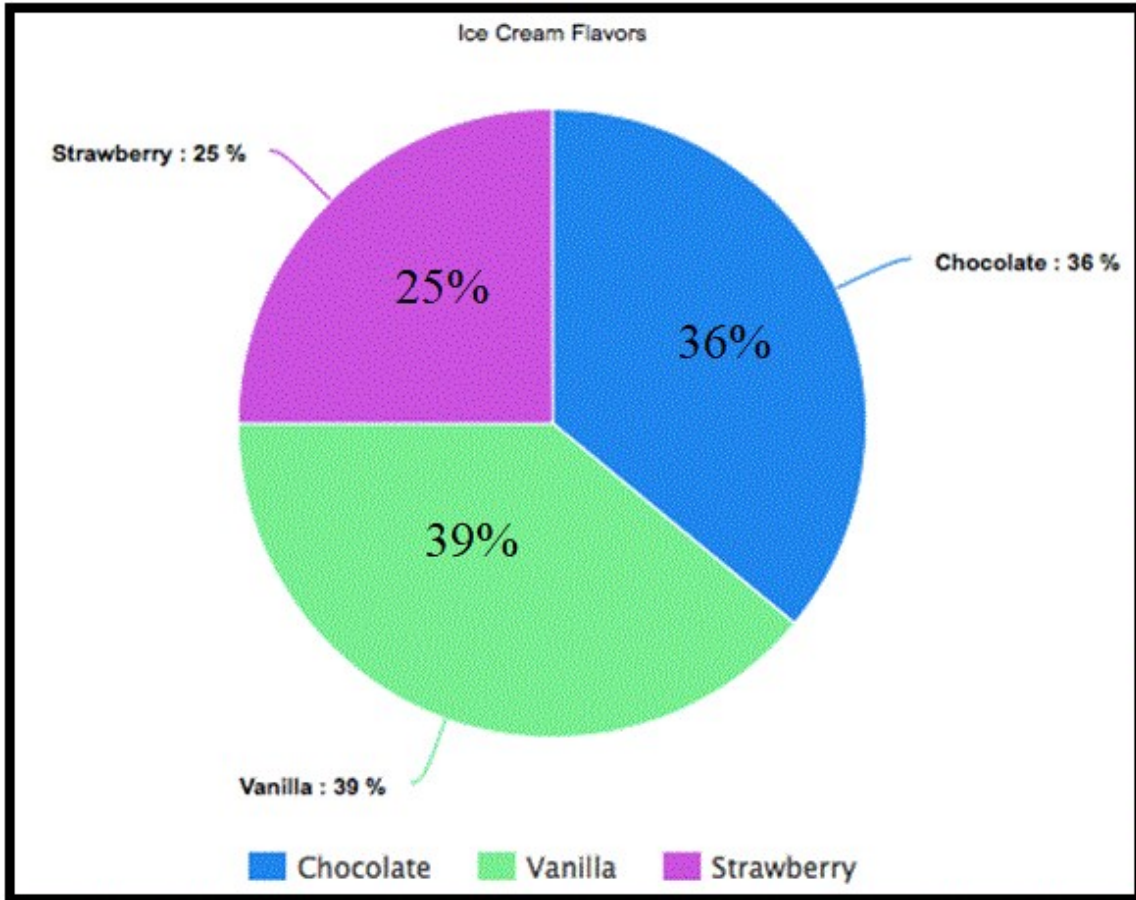


HW #12 (DUE 12/10)

1. The diagram below shows the results of a survey of children and their favorite ice cream flavors.



If 135 children were surveyed, *approximately* how many of them prefer strawberry ice cream?

- A. 25
- B. 34
- C. 49
- D. 53

2. The ratio of girls to boys in Mr. Smith's class is 7:13. The table below contains some examples of equivalent ratios. Find the value of the missing number, x , in the table below.

Mr. Smith's Class

Girls	Boys
14	26
28	52
42	x

- A. 91
- B. 78
- C. 68
- D. 65

3. It takes a snail 500 hours to travel 15 miles. At this rate, how many hours will it take the snail to travel 6 miles?

- A. 0.18
- B. 5.56
- C. 150
- D. 200

4. Marcy is having a pool party and wants to make four gallons of punch. The punch consists of juice and soda pop. The recipe calls for three gallons of soda pop. What percent of the total punch will be made up of juice?

- A. 30%
- B. 75%
- C. 50%
- D. 25%

5. Carol took a math test and answered 16 of the 20 questions correctly. What was Carol's percentage score on the test?

- A. 80%
- B. 85%
- C. 90%
- D. 95%

6. Find 20% of 180.

- A. 90
- B. 45
- C. 36
- D. 270

7. What is the greatest common factor of 36 and 72?

Answer:

8. During physical education class Dwayne ran 2.5 miles on the treadmill. His friend ran 5 kilometers. If 1 mile equals 1.609 km, which student ran a further distance and how much further did he run?

- A. Dwayne; 3.45 km
- B. Dwayne; 4.0225 km
- C. Dwayne's friend; 0.9775 km
- D. Dwayne's friend; 2.5 km

9. 18% of what number is 162?

- A. 900
- B. 180
- C. 29.16
- D. 57