

## Science Skills -8

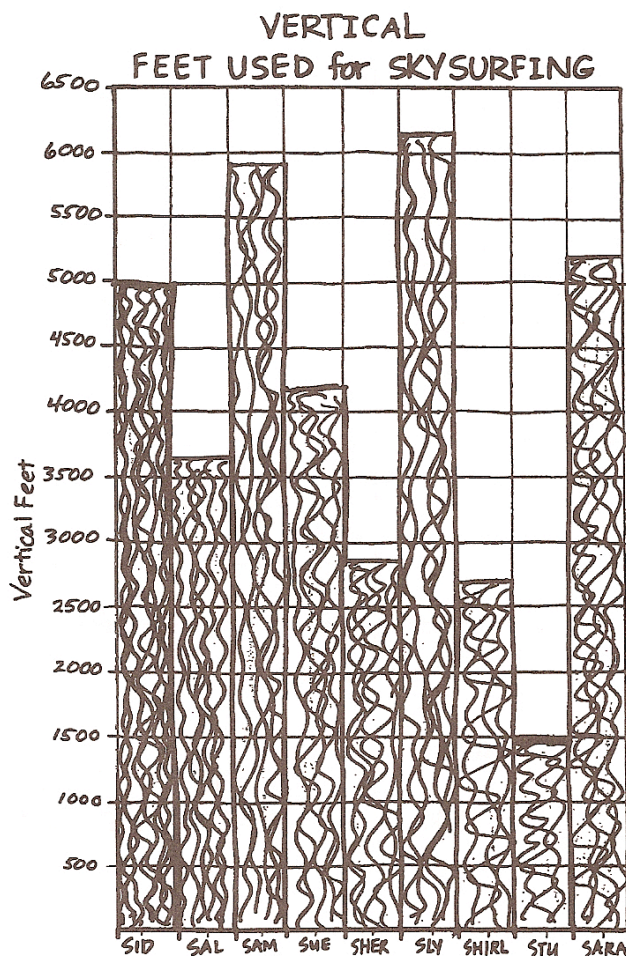
### Reading Bar Graphs

Can you imagine riding a surfboard through the sky? What an idea! Skysurfers ride the wind, doing awesome tricks while they freefall from a plane. They can ride and fall for several thousand feet before opening a parachute. It may sound scary, but at least there are no sharks to worry about!

Nine different surfers jumped from a plane at 9500 feet. They each surfed while falling a distance through the air. The graph shows the number of vertical feet each one used for surfing before opening the parachute.



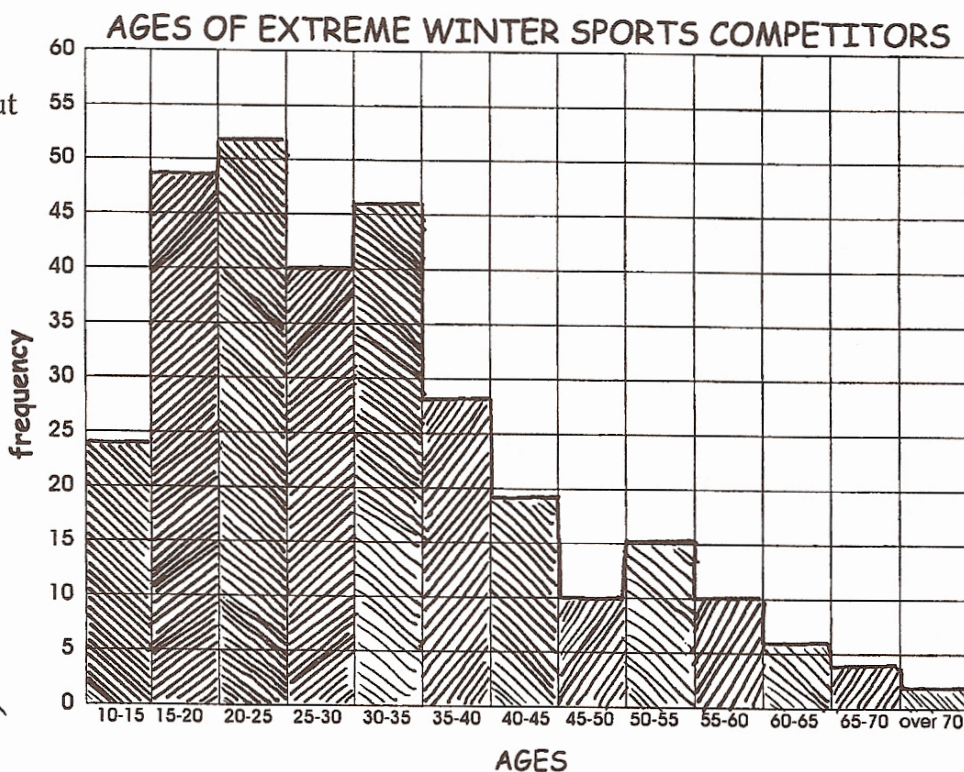
1. Sal's drop was about \_\_\_\_\_ feet.
2. Sly's drop was about \_\_\_\_\_ feet.



3. Who used more distance than Sara?  
\_\_\_\_\_
4. How many surfers used less distance than Sue?  
\_\_\_\_\_
5. Who surfed for 4250 feet?  
\_\_\_\_\_
6. Who used about 2700 feet to surf?  
\_\_\_\_\_
7. How many vertical feet did Sid use?  
\_\_\_\_\_
8. Who used about 5950 feet to surf?  
\_\_\_\_\_
9. How many less feet did Stu use than Sid? \_\_\_\_\_
10. Who used about 200 feet less than Sher? \_\_\_\_\_
11. Who surfed for a 5200-foot drop?  
\_\_\_\_\_
12. Whose drop was about 4500 feet greater than Stu's?  
\_\_\_\_\_

Competitors have been braving extreme weather conditions (blizzards, winds, and cold temperatures) to win medals in extreme winter sports. There is an extreme difference in the ages of the athletes this year.

Use the data on the histogram (frequency graph) to find out about their ages.



1. Which age group has 19? \_\_\_\_\_
2. Which age group has 6? \_\_\_\_\_
3. Which age group has 28? \_\_\_\_\_
4. Which age group has 46 ? \_\_\_\_\_
5. Which age group has the most? \_\_\_\_\_
6. About 25 are in the \_\_\_\_\_ age group.
7. About 35 are \_\_\_\_\_ or older.
8. About how many are 60 or older? \_\_\_\_\_
9. About how many are aged 10-20? \_\_\_\_\_
10. Which has about 20 less than the 30-35-year old group? \_\_\_\_\_
11. Which groups have less than the 45-50 year old group? \_\_\_\_\_
12. Which two groups have the same number?  
\_\_\_\_\_
13. Which 10-year age span has about 30 competitors? \_\_\_\_\_
14. Which group has about the same as the 10-15 age group? \_\_\_\_\_
15. Which has about seven times as many competitors as the 60-65 year old group?  
\_\_\_\_\_
16. Does the 35-40-year old age group have more than any younger groups? \_\_\_\_\_