

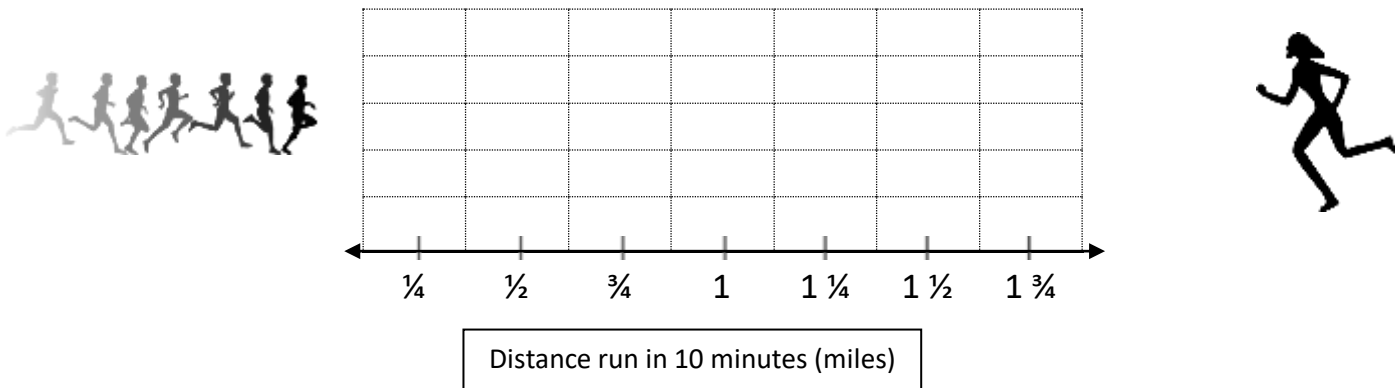


LINE PLOTS CHALLENGES SHEET 5:1

1) Captain is making a line plot of how far a group of 12 fifth graders could run in 10 minutes.

Use the information below to create the line plot.

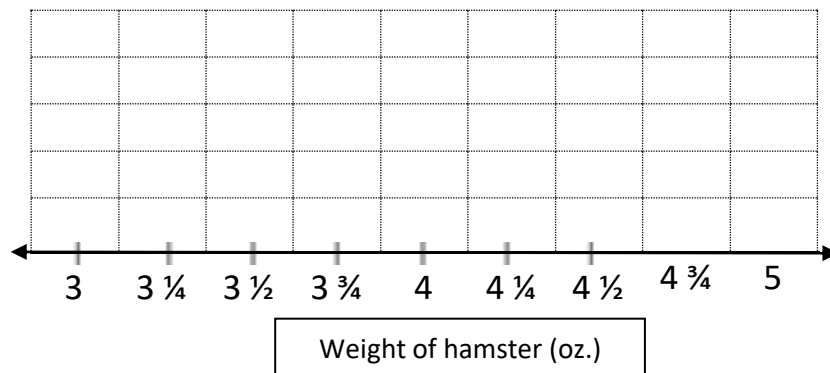
- The child who ran the least far managed to run $\frac{1}{4}$ mile.
- There were 3 children who managed to run more than 1 mile.
- There were 5 children who ran less than 1 mile.
- There was 1 child who ran the furthest amount of $1\frac{1}{2}$ miles.
- Twice as many children managed to run 1 mile than those who only ran $\frac{1}{2}$ mile.
- More than half of the children ran at least 1 mile.



2) Frazer weighs some adult Syrian hamsters in a pet store.

Use the information below to fill in the line plot showing the weight of the hamsters.

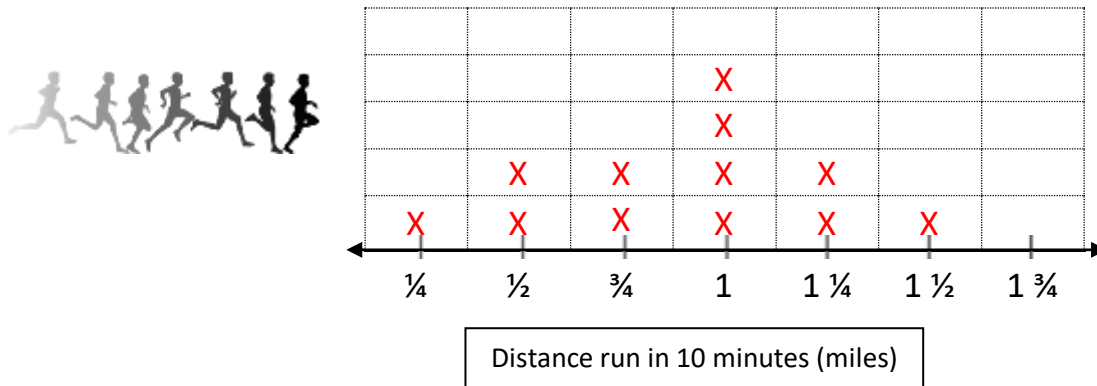
- The lightest hamster weighed $3\frac{1}{4}$ ounces. The heaviest hamster weighed 5 ounces.
- There were 8 hamsters weighing more than 4 ounces.
- Altogether Frazer weighed 14 hamsters.
- There were just 3 hamsters who weighed less than 4 ounces.
- No hamsters weighed either $3\frac{3}{4}$ ounces or $4\frac{3}{4}$ ounces.
- The most common hamster weight was $4\frac{1}{4}$ ounces which 4 hamsters weighed.





LINE PLOTS CHALLENGES SHEET 5:1 ANSWERS

- 1) Captain is making a line plot of how far a group of 12 fifth graders could run in 10 minutes. Use the information below to create the line plot.
- The child who ran the least far managed to run $\frac{1}{4}$ mile.
 - There were 3 children who managed to run more than 1 mile.
 - There were 5 children who ran less than 1 mile.
 - There was 1 child who ran the furthest amount of $1\frac{1}{2}$ miles.
 - Twice as many children managed to run 1 mile than those who only ran $\frac{1}{2}$ mile.
 - More than half of the children ran at least 1 mile.



- 2) Frazer weighs some adult Syrian hamsters in a pet store. Use the information below to fill in the line plot showing the weight of the hamsters.
- The lightest hamster weighed $3\frac{1}{4}$ ounces. The heaviest hamster weighed 5 ounces.
 - There were 8 hamsters weighing more than 4 ounces.
 - Altogether Frazer weighed 14 hamsters.
 - There were just 3 hamsters who weighed less than 4 ounces.
 - No hamsters weighed either $3\frac{3}{4}$ ounces or $4\frac{3}{4}$ ounces.
 - The most common hamster weight was $4\frac{1}{4}$ ounces which 4 hamsters weighed.

