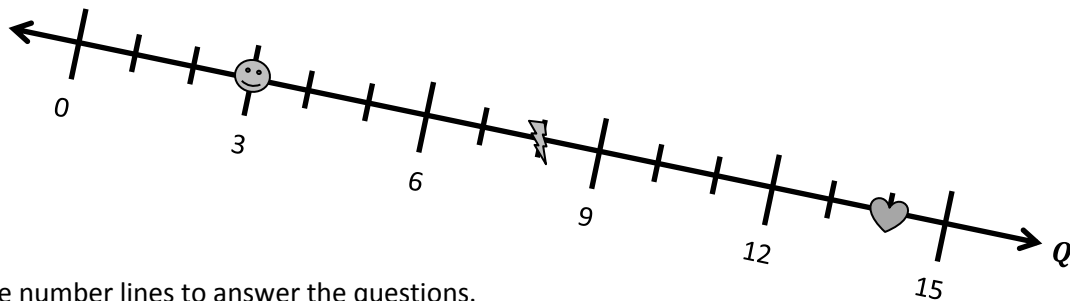


Name _____

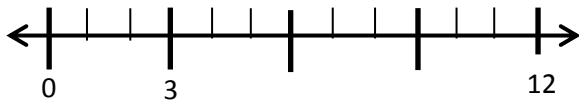
Date _____

1. Answer the following questions using number line Q , below.

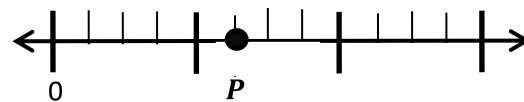
- What is the coordinate, or the distance from the origin, of the 😊 ? _____
- What is the coordinate of ⚡ ? _____
- What is the coordinate of ❤️ ? _____
- What is the coordinate at the midpoint of ⚡ and ❤️ ? _____



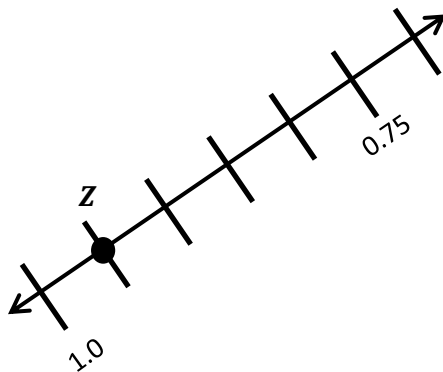
2. Use the number lines to answer the questions.



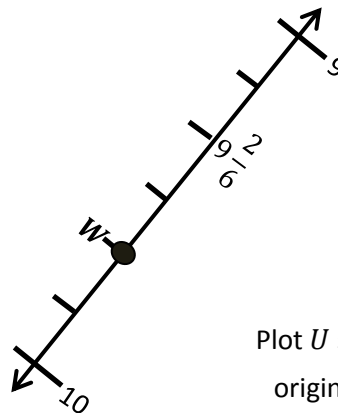
Plot T so its distance from the origin is 10.



Plot M so its distance is $\frac{11}{4}$ from the origin.
What is the distance from P to M ?

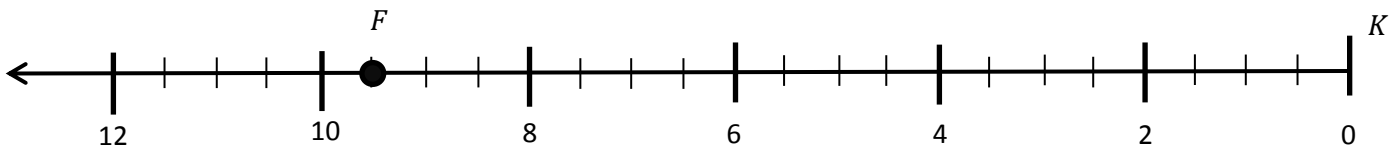


Plot a point that is 0.15 closer to the origin than Z .



Plot U so that its distance from the origin is $\frac{3}{6}$ closer than that of W .

3. Number line K shows 12 units. Use number line K , below, to answer the questions.



- Plot a point at 1. Label it A .
- Label a point that lies at $3\frac{1}{2}$ as B .
- Label a point, C , whose distance from zero is 8 units farther than that of B .
The coordinate of C is _____.
- Plot a point, D , whose distance from zero is $\frac{6}{2}$ closer to zero than B .
The coordinate of D is _____.
- What is the coordinate of the point that lies $\frac{17}{2}$ farther from the origin than D ?
Label this point E .
- What is the coordinate of the point that lies halfway between F and D ?
Label this point G .

4. Mr. Baker's fifth-grade class buried a time capsule in the field behind the school. They drew a map and marked the location of the capsule with an X so his class can dig it up in ten years. What could Mr. Baker have done to make the capsule easier to find?

