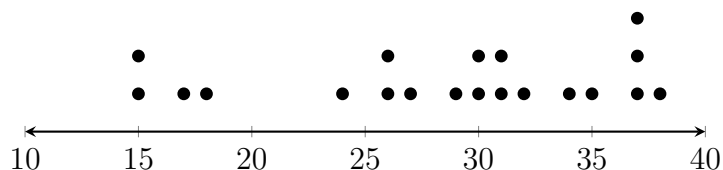Name: _____

Is this the real life? Is this just fantasy?

1. What is the value of $\frac{2}{3}$ as a decimal?

2. Here is a histogram:
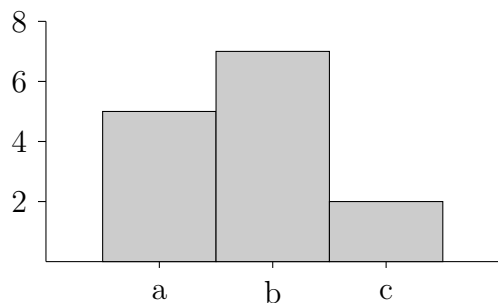
3. This is a dot plot:

4. Find the class width of the set: 19, 22, 29, 39, 45, 48, 52, 57

5. (2 pts) Solve the inequality $\dfrac{7.0}{x-1} \geq \dfrac{3.0}{x-3}$:

6. (2 pts) Solve the polynomial equation: $x^2 + 6x + 9 = 0$.

7. (2 pts) Solve the inequality $\dfrac{7.0}{x-3} \geq \dfrac{5.0}{x+1}$:

8. (4 pts) Solve the polynomial equation: $2x^2 + 3x + 11 = 0$.