Name: _____

Is this the real life? Is this just fantasy?

1. Here is a histogram:
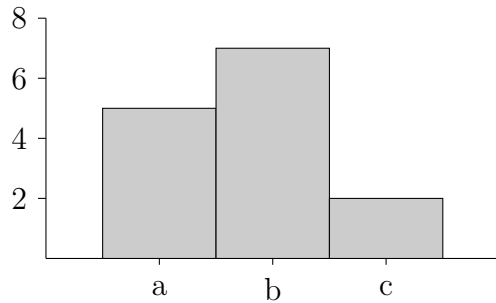
2. This is a dot plot:
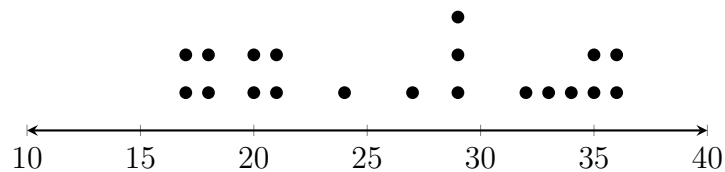
3. Find the class width of the set: 10, 17, 18, 24, 27, 63, 64, 75

4. (2 pts) Solve the inequality $\dfrac{3.0}{x-3} \geq \dfrac{1.0}{x+1}$:

5. (2 pts) Solve the polynomial equation: $x^2 + x = 0$.

6. (2 pts) Solve the inequality $\dfrac{1.0}{x+1} \geq \dfrac{3.0}{x+2}$:

7. (4 pts) Solve the polynomial equation: $2x^2 + 3x + 12 = 0$.