Statistics   Practice 2.1: Frequency Distributions   Name: _____

Below is a frequency distribution that lists the age of Oscar-winning actresses. Use the table to answer the questions below. Please use graph paper for questions 3-6.

Age of Actress	Frequency, f *	Midpoint	Relative Frequency	Cumulative Frequency	Class Boundaries
21-30	28 35				
31-40	30 32				
41-50	12 14				
51-60	2 4				
61-70	2 4				
71-80	2				
	$\Sigma f =$		$\Sigma \dfrac{f}{n} =$		

1. What is the class width? _____

2. Complete the remaining four columns in the frequency distribution.

3. Construct a frequency histogram using the class boundaries.

4. Construct a frequency polygon using the class midpoints.

5. Construct an ogive.

6. Construct a relative frequency histogram.

*Updated to include 2018 data