Ratios and Scale Worksheet

Solve the following problems and reduce answers to simplest terms without units:

**Problem #1**
3 feet : 6 inches

**Problem #2**
25 / 80

**Problem #3**
25 lb cement : 50 lb sand : 75 lb crushed rock

**Problem #4**
3 rejections to 24 good welding joints

**Problem #5**
The blueprint for a building is drawn to a scale of 1/4” = 1 ft. If the dimensions measure 6 1/2 inches by 11 inches on the print, what are the building dimensions?

**Problem #6**
Two gears have 64 and 40 teeth. What is their ratio?

**Problem #7**
What is the ratio of 3 yards to 12 inches?