Let's Set Sail!

There are 36 yachts in the Tobermory harbour. Each yacht sails with a crew of 6 people. Everyone working on the yacht takes their job very seriously and works hard to keep their yacht ship shape. One of the captains, Captain Tiller, would like to make improvements to her yacht. She is willing to spend £600 on painting and putting a new main sail on the yacht. Captain Bow decided he wanted to moor his yacht in the harbour. The cost to do this is £80 a year, which included security and the up keep of the harbour.

Example Questions:
1. ½ of the yachts have a blue sale, 1/3 of the yachts have a red sale and the rest have a white sail.
a) How many have blue sails?
b) How many have red sails?
c) How many have white sails?

2. 50% of the yachts have a blue sale, 25% of the yachts have a red sale and the rest have a white sail.
a) How many have blue sails?
b) How many have red sails?
c) How many have white sails?

3. 0.5 of the yachts have a blue sale, 0.25 of the yachts have a red sale and the rest have a white sail.
a) How many have blue sails?
b) How many have red sails?
c) How many have white sails?