

Homework

30.

$$5400 * 43 = 232,200$$

$$5400 * 109 = 588,600$$

$$588,600 - 232,200 = 356,400$$

$$\frac{356,400}{588,600} = \underline{60.5\%}$$

31.

$$50 * 79.5 = 3,975$$

$$25 * 175 = 4,375$$

$$10 * 150 = 1,500$$

$$15 * 125 = 1,875$$

} 7,753

$$7,753 - 3,975 = 3,778$$

$$\frac{3,778}{7,753} = \underline{48.7\%}$$

32.

$$1,500 * 25 = 37,500$$

$$500 * 49.99 = 24,995$$

$$500 * 51.99 = 27,495$$

$$500 * 59 = 29,500$$

} 81,990

$$81,990 - 37,500 = 44,490$$

$$44,490 - 81,990 = \underline{54.2\%}$$

33.

$$\begin{array}{r} 2,400 * 27 = 64,800 \\ 1,800 * 31 = 55,800 \\ 4,200 * 90 = 378,000 \end{array} \left. \vphantom{\begin{array}{r} 2,400 * 27 = 64,800 \\ 1,800 * 31 = 55,800 \\ 4,200 * 90 = 378,000 \end{array}} \right\} 120,600$$

$$378,000 - 120,600 = 365,400$$

$$\frac{365,400}{378,000} = \underline{96.6\%}$$

34.

$$\begin{array}{r} 1200 * 21.5 = 25,800 \\ 3000 * 18 = 54,000 \\ 4200 * 49 = 205,800 \end{array} \left. \vphantom{\begin{array}{r} 1200 * 21.5 = 25,800 \\ 3000 * 18 = 54,000 \\ 4200 * 49 = 205,800 \end{array}} \right\} 79,800$$

$$205,800 - 79,800 = 126,000$$

$$\frac{126,000}{205,800} = \underline{61.2\%}$$