Estimating Percentages

Do not use a calculator. By estimating the answer check these percentage calculations. In the decision column write either "Definitely wrong" or "Correct or near to correct". Discuss the answers in class.

Problem	Estimate of Answer	Decision
14.6% of $461.89 = $67.44	$\frac{1}{10}$ of 460 = 46, $\frac{1}{2}$ of 46 = 23, estimate = 46 + 23 = 69	Correct or near to correct
8.6% of $75.09 = $5.46		
74.6% of $3,210 = $2,394.66		
26.2% of $789.45 = $276.15		
90.3% of $79.09 = $71.42		
5.8% of $8,145.23 = $472.42		
48.9% of $473.63 = $231.61		
35.1%% of $8.36 = $2.93		
59% of $595.09 = $301.10		
63% of $48.91 = $26.81		
3% of $893.12 = $26.79		
19.4% of $4888 = $841.27		
16.6% of $4.67 = $0.76		
70.6% of $419 = $295.81		
0.87% of $78,841 = $801.63		
0.6% of $103 = $0.62		
45% of $799 = $309.55		
0.09% of $21,890 = $219		
3.8% of $93.12 = $3.54		