Accelerated Math Notes

Estimating Percents Section 6-2

*We will use "nice" percents of "nice" numbers when we estimate the answer to problems which we will use the calculator to find the exact answer.

*We are looking to use our multiplication/division facts along with compatible numbers.

*We will try to use zeroes in our nice numbers, but we are not rounding

Example:

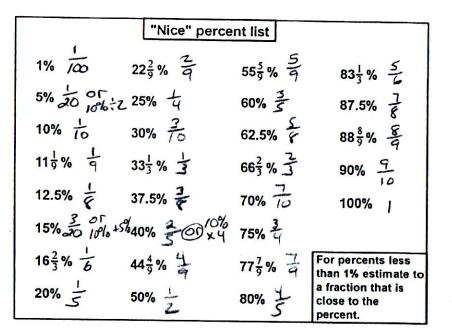
24.2% of 3748

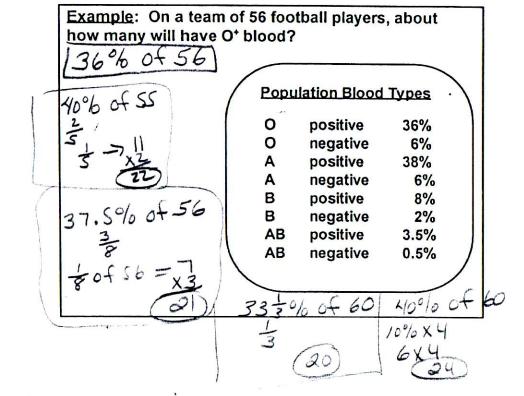
25% of 3600

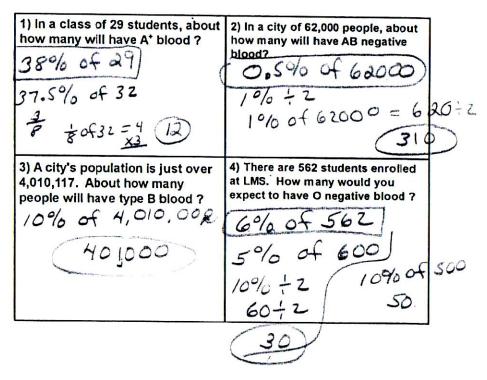
not 3700 because 37 is not compatible with 4

of 3600

The exact answer is 907.016







Estimate the sale price of a soccer ball that regularly sells for \$14.95 and is advertised with a discount of 15%.

Suppose you have just purchased a new game system for \$398 and the sales tax in your state is 4.75%. Estimate the amount of sales tax on this purchase.

		118 491
30		491
34	Estimate the percent for	273
88	Estimate the percent for	273 716
	17 30 34 88	

Find ½% of 3743	Find $\frac{3}{8}$ % of 756

Find $\frac{1}{2}$ % of 24,679	Find 0.23 % of 2783
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