4.5/4.6 Hw-

$\frac{228}{4} = \frac{\text{Tree Ht} \cdot 4}{4}$

$57 = \text{Tree Height}$

$\frac{38}{4} = \frac{\text{Tree Height}}{6'}$

$38 \cdot 6 = \text{Tree Height} \cdot 4$

$228 = \text{Tree Height} \cdot 4$

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$\frac{42}{7} = \frac{7 \cdot x}{7}$ $x > 6$ 6

$6 = x$

CHPT. 4 Extra Credit

Chpt. 4 Review, All the problems

8 points

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5.1 Percent Decimals Fractions

Per cent

out of 100

$\frac{47}{100} = 47\%$

$\frac{75}{100} = 75\%$

82%

$\frac{82}{100}$

$40\% = \frac{40}{100} = \frac{4}{10} = \frac{2}{5}$

$15\% = \frac{15 \div 5}{100 \div 5} = \frac{3}{20}$

$37\% = \frac{37}{100}$

$150\% = \frac{150 \div 50}{100 \div 50} = \frac{3}{2} = 1\frac{1}{2}$

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$100\% = 1$

$342\% = \frac{342}{100}$

342%

$3\frac{42}{100} = 3\frac{21}{50}$

$\frac{42 \div 2}{100 \div 2} = \frac{21}{50}$

$2\overline{)42} = 21$; -4, 2, -2, 0

$2\overline{)100}$

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$45\% = \frac{45}{100} = .45$

Change % to decimal

$80\% = \frac{80}{100} = .80$

$= .8$

$15\% = \frac{15}{100} = .15$

$5.6\% \quad \frac{5 \text{ and } 6}{10}$

$\frac{5.6 \times 10}{100 \times 10} = \frac{56}{1000}$

$= .056$

$5\frac{6}{10}$ ~~560%~~   ~~$5\frac{60}{100}$~~

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$4.86\% = \frac{4.86 \times 100}{100 \times 100} = \frac{486}{10{,}000} = .0486$

$.6\% = \frac{.6 \times 10}{100 \times 10} = \frac{6}{1000} = .006$ $.9\%$

5%

$1\% = \frac{1}{100} = .01$

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Change decimal number to percents

.19 = 19% 15% → .15

.35 = 35% .03 = 3%

.4 = $\frac{4}{10}$ = $\frac{40}{100}$ = 40%

.03 = $\frac{3}{100}$ = 3%

5.77 = 577% $5\frac{77}{100}$ → 577%

.003 = $\frac{3}{1000}$ = $\frac{.3}{100}$ = .3% .003 = .3%

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Change percents to fractions

82% = $\frac{82}{100}$ = $\frac{41}{50}$

6.5% = $\frac{6.5}{100}$ = $\frac{65}{1000}$ = $\frac{13}{200}$

$42\frac{1}{2}$% = $\frac{85}{2}$% = $\frac{85}{2} \cdot \frac{1}{100}$ = $\frac{85}{200}$ = $\frac{17}{40}$

42.5% = $\frac{42.5}{100}$ = $\frac{425}{1000}$ = $\frac{17}{40}$

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$42\frac{1}{2}$% $\left(\frac{85}{2}\%\right)$ = $\frac{\frac{85}{2}}{100}$ = $\frac{85}{200}$

$\frac{85}{2} \cdot \frac{1}{100}$

$100\left(\frac{1}{100}\right)$

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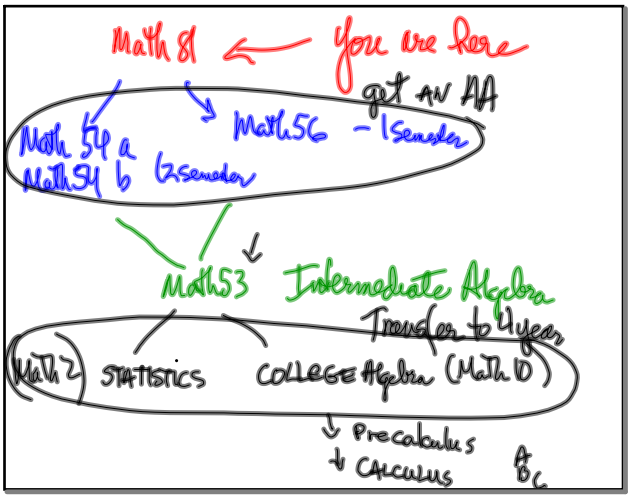

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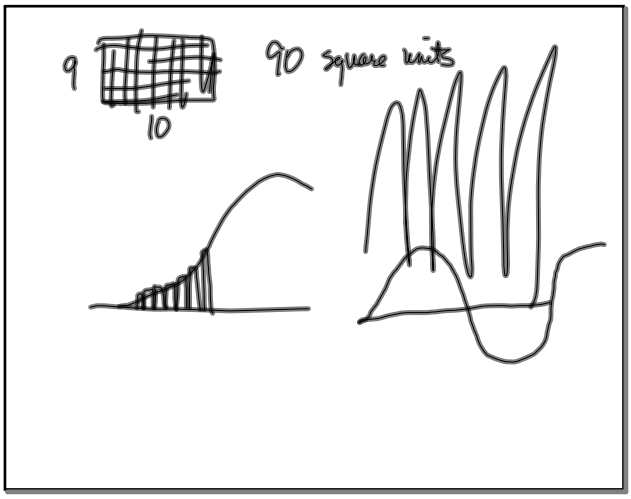

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Change fractions into Percents

$\frac{3(25)}{4(25)}$ $\frac{75}{100}$ = 75%

$\frac{3}{8}$ = $\frac{\quad}{100}$

3 = 3.000000

8 | 3.000 = .375

−24

60

−56

40

−40

$\frac{375}{1000} \div 10 = \frac{37.5}{100}$ = 37.5%

375 = 375%

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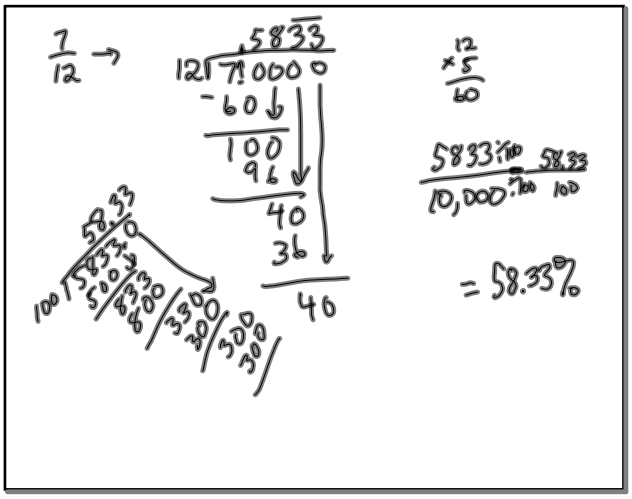

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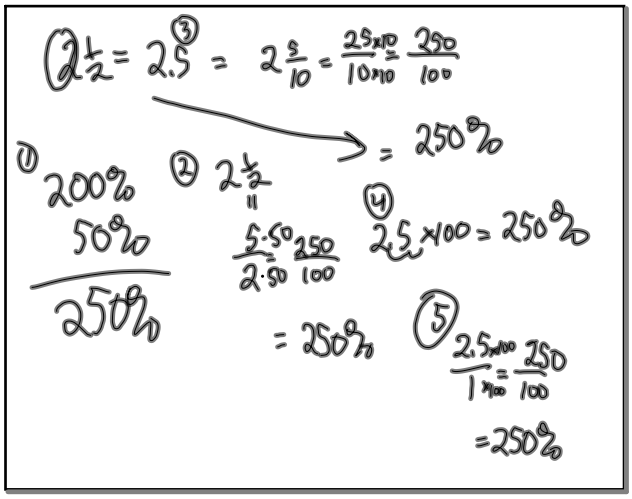

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