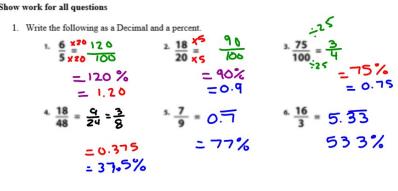
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Homework Solutions



Show work for all questions



2. The tax rate in NB is 15%. If a coat costs \$145, what is the **total cost** of the coat?

Tax rate in NB is 15%. If a coat costs \$145, what is the total cost of the coat?

Tax = 15% × Price

= 0.15 × 145

=
3
21.75

= 3 21.75

= 3 145 + 3 21.75

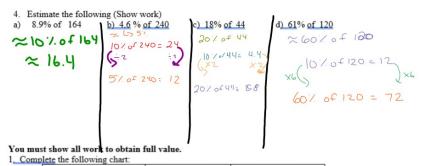
3. Raymod made 44 out of 50 on a test and Nancy made 18 out of 20 on a test. Show work on how you can

3. Raymod made 44 out of 50 on a test and Nancy made 18 out of 20 on a test. Show work on hordetermine who did better.

R
$$\Rightarrow \frac{44}{50} = \frac{88}{100} = 88\%$$

Mancy did

N = $\frac{18}{20} = \frac{90}{80} = 90\%$



Percent	Decimal	Fraction	
14.7%	0.147	147	
55%	0.55	55 = <u>11</u> 100 = <u>20</u>	
10%	0.10	$\frac{2}{20} = \frac{1}{10} = \frac{1}{10}$	100
13.6%	0.136	136 - 63 1000 - 500	

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#2 & #3 must include all formulas and calculation on paper (You can use the calculator but show your work)

2. A car regularly sells for \$ 51 000. It is on sale for 30% off. (a) Calculate the amount of discount.

(b) Calculate the sale price. (No Tax)

3. For each item below calculate the tax and the total cost with tax. (Remember HST for NB is 15%)

i) Find the amount of tax that will be paid.

ii) What is the total cost With tax?



a) An Air fryer \$229



b) \$699.99

4. <u>Mentally</u> calculate the following (show what method you <u>used</u> for the <u>mental</u> calculation. MUST use 1%, 10%, 25%, 50% strategies taught in class)

